#### Delaware Public Employees' Retirement System Comprehensive Annual Financial Report For the fiscal year ended June 30, 2002

### Look-up Guide

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## **Delaware Public Employees' Retirement System**

- a component unit of the State of Delaware

## 31st Comprehensive Annual Financial Report

Presented by the Board of Pension Trustees For the Fiscal Year Ended June 30, 2002

State Employees' Pension Plan Special Pension Plan New State Police Pension Plan Judiciary Pension Plans County & Municipal Police/Firefighters' Plan County & Municipal Other Employees' Pension Plan Volunteer Firemen's Pension Plan Diamond State Port Corporation Pension Plan County & Municipal Police/Firefighters' COLA Fund Post-Retirement Increase Fund Post-Retirement Health Insurance Premium Fund Delaware Local Government Retirement Investment Pool Closed State Police Pension Plan

> This Comprehensive Annual Financial Report has been Prepared by the Office of Pensions

Mailing Address:

McArdle Building, Suite #1 860 Silver Lake Boulevard Dover, Delaware 19904-2402 <u>Telephone</u>: (800) 722-7300 <u>E-Mail Address</u>: pensionoffice@state.de.us <u>WebSite</u>: www.delawarepensions.com

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## Introductory Section

DELAWARE PUBLIC EMPLOYEES' RETIREMENT SYSTEM

- a component unit of the State of Delaware

## Certificate of Achievement for Excellence in Financial Reporting

Presented to

## Delaware Public Employees' Retirement System

For its Comprehensive Annual Financial Report for the Fiscal Year Ended June 30, 2001

A Certificate of Achievement for Excellence in Financial Reporting is presented by the Government Finance Officers Association of the United States and Canada to government units and public employee retirement systems whose comprehensive annual financial reports (CAFRs) achieve the highest standards in government accounting and financial reporting.



President

Executive Director



#### STATE OF DELAWARE STATE BOARD OF PENSION TRUSTEES AND OFFICE OF PENSIONS McArdle Building, Suite #1 860 Silver Lake Blvd. Dover, DE 19904-2402

When Calling Long Distance Toll Free Number 1-800-722-7300 E-Mail: pensionoffice@state.de.us Telephone (302) 739-4208 Fax (302) 739-6129 www.delawarepensions.com

September 27, 2002

The Honorable Ruth Ann Minner and Members of the 141st General Assembly

Dear Governor and Members of the General Assembly:

The Board of Pension Trustees for the Delaware Public Employees' Retirement System (System) is proud to present its 31st Comprehensive Annual Financial Report for the Fiscal Year ended June 30, 2002.

This report provides comprehensive information on nine retirement plans [State Employees', Special, New State Police, Judiciary, County & Municipal Police/Firefighters', County & Municipal Other Employees', Volunteer Firemen's, Diamond State Port Corporation, and Closed State Police] plus four commingled pension funds [County & Municipal Police/Firefighters' COLA (COLA Fund), Post-Retirement Increase (PRI), Delaware Local Government Retirement Investment Pool (DELRIP), and State Employees' Post-Retirement Health Insurance Premium]. Responsibility for both the accuracy of the data and the completeness and fairness of presentation rests with the State Board of Pension Trustees (Board). To the best of our knowledge and belief, the enclosed data are accurate in all material respects and present fairly the System's financial position and operational results for the fiscal year ended June 30, 2002.

The 2002 Financial Report is presented in five sections:

- Introductory Section -- contains this transmittal letter, organization charts, Board and Legislative highlights.
- Financial Section -- provides the independent auditors' opinion, management's discussion and analysis, the System's financial statements, required supplementary information, and supporting schedules with additional information about the System's financial position at the Plan level.

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#### **INTRODUCTORY SECTION**

The Honorable Ruth Ann Minner and Members of the 141st General Assembly Page 2 September 27, 2002

- Investment Section -- details total System performance, investment policy, and investment activities.
- Actuarial Section -- outlines the actuarial assumptions and describes the funding basis, contributions, and funded ratios of each Plan.
- Statistical Section -- includes tables and graphs about each Plan's membership.

(A detailed Table of Contents may be found on page 2.)

The System was established on June 11, 1970, with the incorporation of the State Employees', Judiciary, Closed State Police, and Retired & Disabled Teachers Pension Plans. The State Employees' and the Judiciary Plans were changed to actuarial reserve funding shortly thereafter. The Closed State Police Pension Plan remains a pay-as-you-go plan. Fiscal year 1994 was the last year the Retired & Disabled Teachers' Pension Plan had members entitled to benefits.

When calendar 1971 ended, the four pension plans totaled \$14.7 million in assets with 2,766 pensioners. The State's contribution was 13.1% of payroll. At the end of fiscal 2002, pensioners numbered 18,075; monies from nine plans, three post-retirement trusts and one investment pool were commingled in a total System of \$4.9 billion. The State's contribution rate for fiscal year 2002 was 1.35% of payroll. Benefit coverage varies by plan as shown on pages 30 - 34. In the major plans, benefit coverage has been regularly improved to maintain a very competitive position versus similar plans in other states, especially considering post-retirement health and spousal benefits. The funding status of each plan is detailed on pages 40-41.

#### **Major Accomplishments**

- *Improved Communications and Customer Service Initiatives* During Fiscal 2002, the Pension Office continued to enhance its website, www.delawarepensions.com. Staff photos have been added so that the membership may become more familiar with the staff. An improved feedback link allows members more direct communication with the Pension Office staff. A new feature is the retiree statement page. Retirees may now log-in to the Comprehensive Retirement Information System (CRIS) to view their current personal and benefit check data. Newsletters to both employees and retirees are published at least semi-annually.
- *Technology Improvements* In June 2002, the eCRIS project was launched. This project will upgrade our system to PeopleSoft Version 8 which will enhance our website and e-communication capabilities. Anticipated completion date is scheduled for April 2003.

The Honorable Ruth Ann Minner and Members of the 141st General Assembly Page 3 September 27, 2002

- *Due Diligence A* Request for Proposal for actuarial services was conducted during fiscal year 2002. Milliman USA was awarded the contract for actuarial services for the next three years. In addition, a Request for Information for sub-custodial bank services was conducted and State Street Bank & Trust Co. continues in that role.
- *Local Government Participation* Membership in the DELRIP, as well as the County & Municipal plans, continues to grow. New members include the Town of Elsmere, the Goodwill Fire Company, the City of Harrington, the Lewes Fire Company, and the Delaware City Fire Company.
- *Certificate of Achievement* The Government Finance Officers Association of the United States and Canada (GFOA) awarded a Certificate of Achievement for Excellence in Financial Reporting to the Delaware Public Employees' Retirement System for its comprehensive annual financial report (CAFR) for the fiscal year ended June 30, 2001. In order to be awarded a Certificate of Achievement, a government unit must publish an easily readable and efficiently organized comprehensive annual financial report. This report must satisfy both generally accepted accounting principles and applicable legal requirements.

A Certificate of Achievement is valid for a period of one year only. This is the sixth consecutive year that DPERS has received a Certificate of Achievement. We believe that our current comprehensive annual financial report continues to meet the Certificate of Achievement Program's requirements, and we are submitting it to the GFOA to determine its eligibility for another certificate.

#### **Analysis of Plan Net Assets**

Employee and employer contributions, together with investment income, are used to fund retirement, survivor, and disability benefits and pay all System expenses. Combined plan net assets decreased by \$422.9 million over the last fiscal year as total revenues declined 16.2% and expenses increased 7.2%.

A decline in investment returns, offset by a decline in investment expenses, was the principal factor in lower revenue. Increased salaries and new member employers increased employer contributions approximately 9.9%. An increased number of active employees, as well as higher salaries, raised employee contributions by 6.1%. The 5-year actuarial funding for eliminating social security integration and maximum years of service from the pension benefit calculation in the State Employees' and Judiciary Plans has been completed. This reduced transfers from the Post-Retirement Increase Fund.

## Introductory Section - part 2



#### **INTRODUCTORY SECTION**

The Honorable Ruth Ann Minner and Members of the 141st General Assembly Page 4 September 27, 2002

#### **Changes in Plan Net Assets**

(Dollar values expressed in thousands)

| Fiscal Years Ending June 30,               | 2002         | 2001         | (Decrease)<br>Amount | (Decrease)<br>Percent |
|--|--------------|--------------|----------------------|-----------------------|
| Additions:                                 |              |              |                      |                       |
| Employer Contributions                     | \$ 82,469    | \$ 75,025    | \$ 7,444             | 9.9%                  |
| Transfer of Contributions from PRI Fund    | 32,322       | 38,526       | (6,204)              | (16.1%)               |
| Transfer of Assets from Outside the System | 4,685        | 3,239        | 1,446                | 44.6%                 |
| Member Contributions                       | 37,731       | 35,550       | 2,181                | 6.1%                  |
| Other Income                               | 7            | 21           | (14)                 | (66.7%)               |
| Net Investment Losses                      | (313,816)    | (287,086)    | (26,730)             | (9.3%)                |
| Total Additions                            | \$ (156,602) | \$ (134,725) | \$ (21,877)          | (16.2%)               |
| Deductions:                                |              |              |                      |                       |
| Transfer of Contributions from PRI Fund    | \$ 32,322    | \$ 38,526    | \$ (6,204)           | (16.1%)               |
| Transfer of Assets Outside the System      | 6,232        | 2,710        | 3,522                | 130.0%                |
| Benefit Payments                           | 216,353      | 195,971      | 20,382               | 10.4%                 |
| Refunded Contributions                     | 2,698        | 2,610        | 88                   | 3.4%                  |
| Group Life Payments                        | 4,080        | 3,710        | 370                  | 10.0%                 |
| General Administrative Expenses            | 4,134        | 3,623        | 511                  | 14.1%                 |
| PRIDE Project Expenses                     |              | 379          | (379)                | (100.0%)              |
| eCRIS Project Expenses                     | 478          |              | 478                  | 100.0%                |
| Health Liability Study                     |              | 45           | (45)                 | (100.0%)              |
| Office Relocation Expenses                 | 22           | 925          | (903)                | (97.6%)               |
| <b>Total Deductions</b>                    | \$ 266,319   | \$ 248,499   | \$ 17,820            | 7.2%                  |
| (Decrease) in Plan Net Assets:             | \$ (422,921) | \$ (383,224) | \$ (39,697)          | (10.4%)               |

Increase/

Increase/

On the expense side, benefit payments increased 10.4% as legislation raised the pension multiplier in the State Employees' Pension Plan and a post-retirement increase was granted. Total administrative expenses (including general administrative, PRIDE project, eCRIS project, health liability study, and office relocation) decreased 6.8% to approximately \$4.6 million. General administrative expenses rose 14.1% as lease payments for a new location commenced, casual employees were replaced with full-time employees, health care costs increased, and scheduled data processing upgrades were implemented.

**DPERS 31**ST COMPREHENSIVE ANNUAL FINANCIAL REPORT

The Honorable Ruth Ann Minner and Members of the 141st General Assembly Page 5 September 27, 2002

#### **Investments and Economic Climate**

For Fiscal 2002, investments had a (6.3%) rate of return. The total System's annualized rate of return over the last five and ten years was 6.4% and 10.6%, respectively. This performance placed the System slightly below the median public fund return for the fiscal year and in the top 10% of public funds for the five and ten year periods.

System investments are managed to control the downside risk to which assets are exposed while maximizing long-term gain potential. This positions the System to limit the impact of adverse market conditions such as those experienced during the fiscal year. In the 12 months ending June 30, 2002, equity markets in general declined; the S&P500 index declined 18.0% while the broad market Russell 3000 return was (17.2%). International equities measured by the EAFE index also declined 9.5%. The importance of a diversified portfolio was again demonstrated as equity declines were partially offset by increased bond and cash holdings as the Lehman Aggregate Bond Index rose 8.2% and 91-day Treasury Bills returned 2.2%. For a further discussion of portfolio diversification and investment strategy, see the Investment Section beginning on page 49 of this report.

The System's investment activity is governed by the "prudent person rule," a fiduciary standard which applies to anyone with System authority. Fiduciaries must discharge their duties solely in the interest of System participants and beneficiaries and with the degree of diligence, care, and skill which prudent men and women would ordinarily exercise under similar circumstances.

The Board has established the investment policy shown on page 53. Investment constraints are outlined, including the appropriate degree of risk. Investment managers are hired to execute the investment policy. They have full discretion for investment decisions within statutory authority, Board policy, and their respective guidelines. A list of the investment managers under contract with the System as of June 30, 2002, may be found on page 57 of this report. A summary of the total System's asset allocation can be found on page 56.

Events of this past fiscal year -- terrorist attacks, global political events, and revelations of corporate malfeasance -- have caused a continuing decline in the equity markets worldwide. Investment strategy reflects return expectations that continue to be significantly more modest than those achieved during the period of the 1990's.

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The Honorable Ruth Ann Minner and Members of the 141st General Assembly Page 6 September 27, 2002

#### **Funding Status**

A pension plan is well funded when it has sufficient assets invested to meet all expected future obligations to participants. The greater the level of funding, the larger the ratio of assets to actuarial accrued liability. Seven plans included in the System are essentially fully funded based on market valuations. The two remaining plans are not totally funded, but annual contributions are being made at the actuarially determined rate to reach full funding. The Notes to Trend Data Schedule presented on page 44 provides detailed information on each plan's remaining amortization period. The actuarial method for calculating accrued liability for all plans is Entry Age Normal with the objective of maintaining employer contributions approximately level as a percent of member payroll. A detailed discussion of funding method is provided in the Actuarial Section of this report on page 70.

Legislation granting increased pensions for those retiring on or after July 1, 2001, coupled with a second year of negative performance has reduced the funding status of the State Employees' Pension Plan from 112.4% to 109.6%.

#### **Internal Control**

System internal accounting controls are designed to provide reasonable assurance regarding the safekeeping of assets and the reliability of financial records. Control procedures and responsibilities are well documented both in writing and with graphic flowcharts. These are reviewed and updated annually.

The Audit Committee, a committee appointed by the Board, monitors operations and controls throughout the year. The System is audited annually by both the Delaware Auditor of Accounts and the independent auditing firm of Ernst & Young LLP.

#### **Professional Services**

Professional consultants are appointed by the Board to perform services essential to the effective and efficient operation of the System. A joint opinion from the certified public accountant, Ernst & Young LLP, and the State Auditor, as well as an opinion from the actuary, Milliman USA, are included in this report. Ashford Capital Management, Inc., serves as the investment advisor.

#### Acknowledgments

The preparation of this report reflects the combined efforts of the System staff under the direction of the Board of Trustees. Specific sections and overall editing include contributions from various Board committees and professional consultants.



**DPERS 31**ST COMPREHENSIVE ANNUAL FINANCIAL REPORT

The Honorable Ruth Ann Minner and Members of the 141st General Assembly Page 7 September 27, 2002

It is with deep regret that we report the death of Edward F. Gliwa, M.D. During his seven years of professional and dedicated service, Dr. Gliwa's advice as a Medical Committee member was invaluable. We will miss Dr. Gliwa and extend our grateful appreciation in his memory.

A. Dale Stratton resigned from the Board on June 25, 2002, after eleven years as a member and chair. We are indebted for her generous commitment of time and effort. Her dedicated leadership is reflected by the outstanding financial health of the System, the significant improvements in pensioner benefits, and enhanced productivity efforts through new and innovative technology underway in the System administration.

The Board would also like to thank Dana Jefferson, Ph.D., Acting State Personnel Director, for her contributions to the Board during Lisa Blunt-Bradley's absence. Lisa was on loan to the country of Jordan where she participated in a program funded by the United States Agency for International Development to develop a national poverty alleviation strategy and implementation plan. She returned to Delaware in August 2002. Welcome back, Lisa!

The Board thanks the many people who work so diligently to assure the successful operation and financial soundness of the Delaware Public Employees' Retirement System. These include the Pension Office staff, the State Personnel Director who provides administrative supervision to the Pension Office; other State support personnel; professional consultants; members of the Investment, Medical, and Audit Committees; and the Pension Advisory Council.

Respectfully submitted,

Ralph J. Adkins, Chairman Board of Pension Trustees

#### **Board of Pension Trustees, Board Committees, & Professional Consultants**

**Board of Pension Trustees** 

Ralph J. Adkins, Chairman Chairman and Former CEO Chesapeake Utilities Corporation

Robert W. Allen President Allen Petroleum

Keith Dorman Former Principal Colonial School District, New Castle County

Jan M. King Former Vice President and Treasurer Hercules, Inc.

Nancy J. Shevock Former Director Delaware Transit Corporation

#### **Ex-Officio Board Members**

David W. Singleton State Secretary of Finance

Dana Jefferson, Ph.D. Acting State Personnel Director

Executive Secretary to the Board and Pension Administrator

David C. Craik

#### Legal Counsel

Calvin L. Scott, Jr. Deputy Attorney General

#### **Investment Committee**

Elva B. Ferrari, Chair Ralph J. Adkins Jan M. King C. Raeford Minix A. Herbert Nehrling Jr. A. Dale Stratton

#### Audit Committee

Joel S. Poorman, Chair Robert W. Allen Donald J. Hofmann William Markell, Ed.D.

#### Medical Committee

William D. Shellenberger, M.D. Vincent DelDuca, Jr., M.D. Robert W. Frelick, M.D. Albert Gelb, M.D. John B. Kramer, M.D. Charles S. Riegel, M.D. Phyllis M. Smoyer, M.D. Ignatius J. Tikellis, M.D. Charles O. Webber, M.D.

Pension Advisory Council

James B. Testerman, Chair Member, Delaware State Education Assoc.

Consulting Actuary

Milliman USA

Investment Advisor

Ashford Capital Management, Inc.

#### Auditors

Ernst & Young LLP State Auditor of Accounts

#### **Custodial Bank**

Mercantile-Safe Deposit & Trust Co.

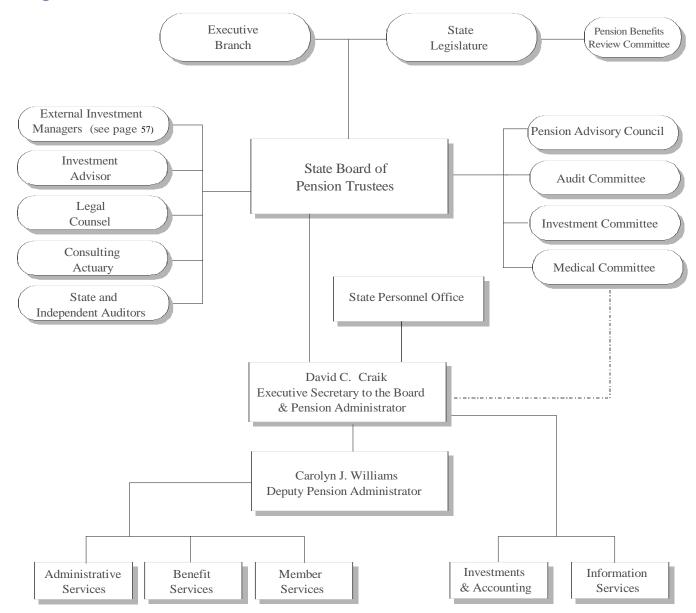
Sub-Custodial Bank

State Street Bank & Trust Co.



DPERS 31st Comprehensive Annual Financial Report

#### **Organizational Chart**



#### MANAGEMENT TEAM

Administrative Services Benefit Services Member Services Investments & Accounting Information Services Christy L. Ulmer, Office ManagerLinda H. Hinkle, Acting Fiscal Administrative OfficerKimberly S. Vincent, Human Resource ManagerAlice L. Simon, Pension Financial ManagerJohn T. McCartney, SPO Information Systems Managerand W. Ray Johnson, Human Resource Manager



DPERS 31st Comprehensive Annual Financial Report

#### **Highlights of Board Activities**

The Board of Pension Trustees (Board) -- comprised of five (5) members appointed by the Governor and confirmed by the Senate, and two (2) ex-officio members -- is responsible for the general administration of these pension plans:

- State Employees' Pension Plan.
- Special Pension Plan.
- New State Police Pension Plan.
- Judiciary Pension Plans (Closed and Revised).
- County & Municipal Police/Firefighters' Pension Plans.
- County & Municipal Other Employees' Pension Plan.
- Volunteer Firemen's Pension Plan.
- Diamond State Port Corporation Pension Plan.
- Closed State Police Pension Plan.

In addition to its general administrative responsibilities, the Board is responsible for these specific functions:

- Maintain and oversee the investment of the Delaware Public Employees' Retirement System.
- Appoint an independent actuary to perform annual actuarial valuations used as the basis for contributions to the Delaware Public Employees' Retirement System.
- Control and manage State pension payments.
- Hear appeals from State Pension Office decisions regarding eligibility for pension benefits.
- Adopt rules and regulations for the general administration of State pension plans.
- Prepare and publish an annual report to the Governor and General Assembly.
- Execute contracts with State agencies and others for assistance in pension plan administration and pension investment.
- Determine interest rates to be credited to members' contributions and rates to be charged on repayment of contributions previously withdrawn.

The day-to-day administration of these pension plans is performed by the State Pension Office, which also determines the eligibility of individual employees for pension benefits. The Pension Administrator reports to the State Personnel Director and also serves as Executive Secretary to the Board.

The Medical Committee of the Board is now comprised of nine (9) medical doctors, all in private practice. It evaluates and makes recommendations concerning the medical condition of applicants for and recipients of disability pensions. The Medical Committee meets each month prior to the regular monthly meeting of the Board.

The four-person Audit Committee of the Board monitors operations and internal controls throughout the year to identify issues requiring Board and Pension Office action. They are responsible for interfacing with the Delaware Auditor of Accounts and the independent auditing firm to assure System compliance with generally accepted accounting practices and procedures.

#### Highlights of Board Activities (continued)

The Board retains the firm of Milliman USA to provide professional actuarial and consulting services. Such services include the preparation of comprehensive actuarial valuations and reports, analysis of the costs and other aspects of proposed changes in pension provisions, general consulting advice, and background information on other public pension plans.

The Department of Justice assigns a Deputy Attorney General to serve as legal advisor to the Board. The Deputy deals with legal questions involving interpretations and administration of pension laws, advises the Board in connection with appeals hearings, works with the Board on drafting legislation and regulations, and negotiates contracts.

The following retirement funds have been established under the custody of the Board of Pension Trustees for investment purposes only:

- County & Municipal Police/Firefighters' COLA Fund.
- Post-Retirement Increase Fund.
- Delaware Local Government Retirement Investment Pool.
- Post-Retirement Health Insurance Premium Fund.

The Board retains Ashford Capital Management, Inc., as investment advisor for the System. Ashford Capital Management provides a variety of services to the System including investment manager and custody contract negotiations, investment manager searches, performance analysis/attribution, investment policy, and asset allocation recommendations. The firm is prohibited by contract terms from managing any of the System's assets. A list of investment managers under contract with the System as of June 30, 2002, may be found on page 57 of this report.

The major activities of the Board and its committees during the 12-month period July 2001 through June 2002 were:

- Held regular monthly meetings and met with representatives of investment management firms and custodian banks on a regular basis.
- Held hearings for individual plan members who appealed decisions of the Pension Office or questioned the Board's interpretation of State pension laws.
- Held hearings on the eligibility of individual employees for disability pension benefits.
- Participated in meetings with the Governor's staff, members of the General Assembly, officials of State agencies and school districts, the Pension Advisory Council, representatives of employee organizations, and other interested parties.

### 2002 Legislation Affecting Pensions

| H.Substitute 1 for<br>H. B. 385 with Senate<br>Amendment 1<br>(73 Del. Laws, C396) | In the Closed State Police Pension Plan, reinstates survivors' benefits effective July 1, 2002 to those who have remarried.  |
|--|--|
| H. B. 451 with House<br>Amendment 1<br>(73 Del. Laws, C373)                        | Allows police officers who subsequently become members of<br>the New State Police Pension Plan to buy-in other police service<br>at their own expense.   |
| S. B. 403<br>(73 Del. Laws, C415)  | Ensures that all salary that is paid to an employee for all days<br>worked will be used in the calculation of their final average<br>compensation.   |
| S. B. 426<br>(73 Del. Laws, C419)  | Allows tax-deferred rollovers in the State Employees' Pension<br>Plan, the County & Municipal Other Employees' Pension Plan, and<br>the County & Municipal Police/Firefighters' Pension Plan for the<br>purpose of repaying previously forfeited service or the purchase of<br>credited service. |
| S. B. 434 Budget Bill<br>(73 Del. Laws, C312<br>Section 58)                        | Allows the excess funding in the Special Pension Plan to be<br>used to fund benefits in the Closed State Police Plan.  |
| S. B. 439<br>(73 Del. Laws, C430)  | Allows pensioners under the State Employees' Pension<br>Plan to be employed by the State in a temporary, casual,<br>seasonal, or substitute position without any earnings limitations<br>or without affecting their current pension benefits.  |

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# Financial Section

DELAWARE PUBLIC EMPLOYEES' RETIREMENT SYSTEM

- a component unit of the State of Delaware





#### **Report of Independent Auditors**

State of Delaware Board of Pension Trustees

We have audited the Statement of Plan Net Assets and the Statement of Changes in Plan Net Assets of the Delaware Public Employees' Retirement System (System) as of June 30, 2002, and for the year then ended. These financial statements are the responsibility of the System's management. Our responsibility is to express an opinion on these financial statements based on our audit.

We conducted our audit in accordance with auditing standards generally accepted in the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial status of the System at June 30, 2002, and the changes in its financial status for the year then ended, in conformity with accounting principles generally accepted in the United States.

Our audits were made for the purpose of forming an opinion on the basic financial statements taken as a whole. The accompanying Management's Discussion and Analysis and schedules of funding progress, employer contributions, and notes to trend data are presented in accordance with Governmental Accounting Standards Board Statements Nos. 34 and 25, respectively. Such information has been subjected to the auditing procedures applied in our audit of the basic financial statements and, in our opinion, is fairly stated in all material respects in relation to the basic financial statements taken as a whole.



Report of Independent Auditors Page Two

The supporting schedules of administrative expenses and investment expenses for the year ended June 30, 2002, on Schedules 4 and 5 are not a required part of the basic financial statements. Such supporting schedules have been subjected to the auditing procedures applied in the audit of the basic financial statements for the year ended June 30, 2002, and, in our opinion, are fairly stated in all material respects when considered in relation to the basic financial statements taken as a whole.

We did not audit the data included in the introductory, investment, actuarial and statistical sections of this report and, therefore, express no opinion thereon.

Monto Wagner gr.

Auditor of Accounts Dover, Delaware

August 16, 2002

Ernet + Young LLP

Ernst & Young LLP Philadelphia, Pennsylvania

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#### Management's Discussion and Analysis

This discussion and analysis of the Delaware Public Employees' Retirement System's (System) financial performance provides an overview of the System's financial activities for the fiscal year ended June 30, 2002. It is intended to be a narrative supplement to the System's financial statements, which begin on page 24 of this report.

#### **Financial Highlights**

The following financial highlights occurred during the fiscal year ended June 30, 2002:

- Plan net assets of all the pension funds administered by the System decreased by \$422.9 million during the 2001-2002 fiscal year.
- The covered payroll requiring both employee and employer pension contributions reported during the year totaled \$1,425.1 million, representing an increase of 15.4%. Employee contributions increased by 6.1% and employer contributions increased by 9.9%.
- Net investment losses (net decrease in fair value, plus investment earnings, less investment administrative expenses) increased by 9.3% compared to last fiscal year. Continued adverse equity market conditions were the primary cause of the decrease compared to the prior year.
- Pension benefits paid to retirees and beneficiaries increased \$20.4 million bringing the total benefit payments to \$216.4 million. Post-retirement increases and changes to benefit multipliers are responsible for the 10.4% increase in pension benefits. Refunds of contributions paid to former members upon termination of employment increased slightly from \$2.6 million to \$2.7 million.
- Administrative expenses and other project specific expenses totaled \$4.6 million, a decrease of 6.8% compared to last fiscal year. (See Schedule 4 on page 46 for more details.)

#### **Using this Financial Report**

Because of the long-term nature of a defined benefit pension plan, financial statements alone cannot provide sufficient information to properly reflect the System's ongoing plan perspective. This financial report consists of two financial statements and two required schedules of historical trend information. The Statement of Plan Net Assets and Statement of Changes in Plan Net Assets (pages 24—27) provide information about the activities of the nine individual pension plans administered and the four funds managed, as well as comparative summary information about these activities for the System as a whole.

The Schedule of Funding Progress (pages 40—41) includes historical trend information about the actuarially funded status of each plan from a long-term, ongoing plan perspective and the progress made in accumulating sufficient assets to pay benefits when due. The Schedule of Employer Contributions (pages 42— 43) presents historical trend information about the annual required contributions of employers and the contributions made by employers in relation to this requirement. These schedules provide information that contributes to understanding the changes over time in the funded status of the plans.

#### **Analysis of Plan Net Assets**

The System was created to provide retirement, survivor, and disability benefits to qualified members and their beneficiaries. The cost of such programs includes recurring benefit payments as designated by the various plans, refunds of member contributions to terminated employees, and the cost of administering the System. Combined plan net assets declined by \$422.9 million over the last fiscal year. Looking at additions to and deductions from Plan net assets, this decline is attributable to both economic conditions and legislative changes increasing benefit multipliers.

#### **Plan Net Assets**

| (Dollar values expressed in thousands) |              |              | Increase/<br>(Decrease) | Increase/<br>(Decrease) |
|--|--------------|--------------|-------------------------|-------------------------|
| Fiscal Years Ending June 30,           | 2002         | 2001         | Amount                  | Percent                 |
| Cash and Investments at Fair Value     | \$ 4,854,368 | \$ 5,278,051 | \$ (423,683)            | (8.0%)                  |
| Receivables                            | 4,737        | 4,423        | 314                     | 7.1%                    |
| Total Assets                           | 4,859,105    | 5,282,474    | (423,369)               | (8.0%)                  |
| Total Liabilities                      | 1,409        | 1,857        | (448)                   | (24.1%)                 |
| Total Plan Net Assets                  | \$ 4,857,696 | \$ 5,280,617 | \$ (422,921)            | (8.0%)                  |
|  |              |              |                         |                         |

#### **Changes in Plan Net Assets**

| (Dollar values expressed in thousands)     |              |              | Increase/   | Increase/  |
|--|--------------|--------------|-------------|------------|
|  |              |              | (Decrease)  | (Decrease) |
| Fiscal Years Ending June 30,               | 2002         | 2001         | Amount      | Percent    |
| Additions:                                 |              |              |             |            |
| Employer Contributions                     | \$ 82,469    | \$ 75,025    | \$ 7,444    | 9.9%       |
| Transfer of Contributions from PRI Fund    | 32,322       | 38,526       | (6,204)     | (16.1%)    |
| Transfer of Assets from Outside the System | 4,685        | 3,239        | 1,446       | 44.6%      |
| Member Contributions                       | 37,731       | 35,550       | 2,181       | 6.1%       |
| Other Income                               | 7            | 21           | (14)        | (66.7%)    |
| Net Investment Losses                      | (313,816)    | (287,086)    | (26,730)    | (9.3%)     |
| Total Additions                            | \$ (156,602) | \$ (134,725) | \$ (21,877) | (16.2%)    |
|  |              |              |             |            |
| Deductions:                                |              |              |             |            |
| Transfer of Contributions from PRI Fund    | \$ 32,322    | \$ 38,526    | \$ (6,204)  | (16.1%)    |
| Transfer of Assets Outside the System      | 6,232        | 2,710        | 3,522       | 130.0%     |
| Benefit Payments                           | 216,353      | 195,971      | 20,382      | 10.4%      |
| Refunded Contributions                     | 2,698        | 2,610        | 88          | 3.4%       |
| Group Life Payments                        | 4,080        | 3,710        | 370         | 10.0%      |
| General Administrative Expenses            | 4,134        | 3,623        | 511         | 14.1%      |
| PRIDE Project Expenses                     |              | 379          | (379)       | (100.0%)   |
| eCRIS Project Expenses                     | 478          |              | 478         | 100.0%     |
| Health Liability Study                     |              | 45           | (45)        | (100.0%)   |
| Office Relocation Expenses                 | 22           | 925          | (903)       | (97.6%)    |
| Total Deductions                           | \$ 266,319   | \$ 248,499   | \$ 17,820   | 7.2%       |
|  |              |              |             |            |
| (Decrease) in Plan Net Assets:             | \$ (422,921) | \$ (383,224) | \$ (39,697) | (10.4%)    |



Employer contributions increased approximately \$7.4 million because of higher required actuarial contribution rates, an increase in salaries, and an increased number of member employers. Member contributions increased by approximately \$2.2 million due to an increase in the number of active employees and an increase in salaries. The 5-year actuarial funding for eliminating social security integration and maximum years of service limitation from the pension benefit calculation in the State Employees' and Judiciary Plans has been completed. This reduced transfers from the Post-Retirement Increase Fund.

Transfers of Assets Outside the System represents transfers from the County & Municipal Police/Firefighters' COLA Fund (COLA Fund) to individual participating entities. During fiscal 2002, there were funds totaling approximately \$2.5 million reverted from the COLA Fund to the General Fund as stipulated by statute. Benefit payments increased by approximately 10.4% as a result of legislation which provided for a post-retirement increase effective July 1, 2001, as well as a modification to the pension multiplier in the State Employees' Pension Plan. Total administrative expenses (including general administrative, PRIDE Project, eCRIS project, health liability study, and office relocation) for fiscal 2002 were approximately \$4.6 million, a decrease of 6.8%. These expenses include both the normal administrative expenses of the Pension Office, as well as special projects. General administrative expenses totaled \$4.1 million, an increase of 14.1% over Fiscal 2001. This increase includes a 100% increase in lease payments for the new location, as well as a 16.9% increase in fringe benefit costs mainly due to increased health care premiums. Enhancements to the phone system increased expenses in the telephone communications area. In the Data Processing maintenance category, upgraded software required increased maintenance contract fees by 35.8%.

#### Investments

For fiscal 2002, investments had a (6.3%) rate of return. The total System's annualized rate of return over the last five and ten years was 6.4% and 10.6%, respectively. This performance placed the System slightly below the median for public fund return for the fiscal year and in the top 10% of public funds for the five and ten year periods.

System investments are managed to control the extent of downside risk to which assets are exposed while maximizing long-term gain potential. This positions the System to limit the impact of adverse market conditions. Portfolio diversification is an important element of investment risk control.

The investment activity of the System is governed by the "prudent person rule". The prudent person rule establishes a standard for all fiduciaries, which includes anyone who has authority with respect to the System. The prudent person rule states that fiduciaries shall discharge their duties solely in the interest of the System participants and beneficiaries and with the degree of diligence, care, and skill which a prudent person would ordinarily exercise under similar circumstances.

The prudent person rule permits the Board to establish an investment policy based upon certain investment criteria and allows for the delegation of investment authority to professional investment managers. Page 53 shows the System's investment policy. Investment constraints are outlined, including the appropriate degree of risk. Investment managers are hired to execute the investment policy. They have full discretion for investment decisions within statutory authority, Board policy, and their respective guidelines. A list of the investment managers under contract with the System as of June 30, 2002, may be found on page 57 of this report. A summary of the total System's asset allocation can be found on page 56.



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#### **Historical Trends**

Accounting standards require that the statement of plan net assets states asset values at fair value and includes only benefits and refunds due plan members and beneficiaries and accrued investment and administrative expenses as of the reporting date. Information regarding the actuarial funding status of the pension funds is provided in the Schedule of Funding Progress (pages 40—41). The asset value stated in the Schedule of Funding Progress is the actuarial value of assets as determined by calculating the ratio of market value to book value of assets over a five-year period. The actuarial assumptions used in the most recent valuation are identified by plan on Schedule 3 — Notes to Trend Data (page 44).

Annual required contributions of employers and contributions made by employers in relation to the required contributions are provided in the Schedule of Employer Contributions (pages 42 - 43). This schedule indicates that employers are meeting their responsibilities to provide resources to the plans.

#### **Funding Status**

A pension plan is well funded when it has sufficient assets invested to meet all expected future obligations to participants. The greater the level of funding, the larger the ratio of assets to actuarial accrued liability. Seven plans included in the System are essentially fully funded based on market valuations. The two other plans are not totally funded, but annual contributions are being made at the actuarially determined rate to reach full funding. The Notes to Trend Data Schedule presented on page 44 provides detailed information on each plan's remaining amortization period. The actuarial method for calculating accrued liability for all plans is Entry Age Normal with the objective of maintaining employer contributions approximately level as a percent of member payroll. A detailed discussion of funding method is provided in the Actuarial Section of this report on page 70.

Legislation granting increased pensions for those retiring on or after July 1, 2001, together with a second year of negative investment returns, has reduced the funding status of the State Employees' Pension Plan from 112.4% to 109.6%.

#### **Statement of Plan Net Assets**

#### as of June 30, 2002 with Comparative Totals for June 30, 2001

(Expressed in thousands)

| State<br>Employees'<br>Plan<br>979<br>1,536<br>1,589<br>3,125 | Special<br>Plan<br>-   | Plan         2         97   | Judiciary<br>Plans<br>6<br>51  | Municipal<br>Police and<br>Firefighters'<br>Plan<br>3  | Municipal<br>Other<br>Employees'<br>Plan<br>2         |
|---|--|---|--|--|---|
| Employees'<br>Plan<br>979<br>1,536<br>1,589                   | - Plan   | Police<br>Plan<br>2<br>97   | Plans<br>6   | Firefighters'<br>Plan<br>3   | Employees'<br>Plan                                    |
| Plan<br>979<br>1,536<br>1,589                                 | - Plan   | Plan         2         97   | Plans<br>6   | Plan<br>3  | Plan  |
| 979<br>1,536<br>1,589   | -  | 2<br>97   | 6  | 3  |   |
| 1,536<br>1,589  | -  | 97  |  |  | 2   |
| 1,536<br>1,589  | -  | 97  |  |  | 2   |
| 1,589   | -  |   | 51   |  |   |
| 1,589   | -  |   | 51   |  |   |
|   | -  |   |  | 226  | 8   |
| 2 195   |  | 81  | 8  | 114  | 7   |
| 3,123   | -  | 178   | 59   | 340  | 15  |
|   |  |   |  |  |   |
| 937,756   | 357  | 20,295  | 5,438  | 6,245  | 549   |
| 1,166,141   | 444  | 25,237  | 6,763  | 7,767  | 683   |
| 1,658,226   | 631  | 35,887  | 9,616  | 11,045   | 971   |
| -   | -  | -   | -  | -  | -   |
| 460,301   | 175  | 9,962   | 2,669  | 3,066  | 269   |
| 77,638  | 37   | 1,915   | 466  | 995  | 55  |
| 332,445   | 126  | 7,195   | 1,928  | 2,214  | 195   |
| 4,632,507   | 1,770  | 100,491   | 26,880   | 31,332   | 2,722   |
| 4,636,611   | 1,770  | 100,671   | 26,945   | 31,675   | 2,739   |
|   |  |   |  |  |   |
| 707   | 4  | 33  | -  | -  | -   |
| 616   | 1  | 7   | 2  | 6  | 4   |
| 1,323   | 5  | 40  | 2  | 6  | 4   |
| 4,635,288   | 1,765  | 100,631   | 26,943   | 31,669   | 2,735   |
|   | 937,756<br>1,166,141<br>1,658,226<br>-<br>460,301<br>77,638<br>332,445<br>4,632,507<br>4,636,611<br>707<br>616 | 937,756     357       1,166,141     444       1,658,226     631       -     -       460,301     175       77,638     37       332,445     126       4,632,507     1,770       4,636,611     1,770       707     4       616     1       1,323     5 | 937,756       357       20,295         1,166,141       444       25,237         1,658,226       631       35,887         -       -       -         460,301       175       9,962         77,638       37       1,915         332,445       126       7,195         4,632,507       1,770       100,491         4,636,611       1,770       100,671         707       4       33         616       1       7         1,323       5       40 | 937,756     357     20,295     5,438       1,166,141     444     25,237     6,763       1,658,226     631     35,887     9,616       -     -     -     -       460,301     175     9,962     2,669       77,638     37     1,915     466       332,445     126     7,195     1,928       4,632,507     1,770     100,491     26,880       4,636,611     1,770     100,671     26,945       707     4     33     -       616     1     7     2       1,323     5     40     2 | $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ |

is presented on pages 40-41.)

The notes to the financial statements are an integral part of this Statement.



|             |        |           |             | Post-      |             |            |               |             |           |
|-------------|--------|-----------|-------------|------------|-------------|------------|---------------|-------------|-----------|
|             |        |           |             | Retirement | Delaware    |            | County &      |             |           |
|             |        |           | Closed      | Health     | Local Gov't | Post-      | Municipal     | Diamond     |           |
|             |        |           | State       | Insurance  | Retirement  | Retirement | Police and    | State Port  | Volunteer |
| of June 30, | s as c | Totals    | Police      | Premium    | Investment  | Increase   | Firefighters' | Corporation | Firemen's |
| 2001        |        | 2002      | Plan        | Fund       | Pool        | Fund       | COLA Fund     | Plan        | Plan      |
| 1,434       | \$     | 1,009     | \$<br>6     | -          | -           | 6          | -             | 1           | 4         |
| 2,557       |        | 2,924     | -           | 209        | -           | 772        | -             | 25          | -         |
| 1,866       |        | 1,813     | 2           | -          | -           | -          | -             | 12          | -         |
| 4,423       | \$     | 4,737     | \$<br>2     | 209        | -           | 772        | -             | 37          | -         |
| 897,340     |        | 981,328   | -           | 1,506      | 1,906       | 3,246      | 1,058         | 1,209       | 1,763     |
| 1,407,078   |        | 1,220,326 | -           | 1,873      | 2,371       | 4,037      | 1,315         | 1,504       | 2,191     |
| 1,981,473   |        | 1,735,275 | -           | 2,664      | 3,370       | 5,740      | 1,870         | 2,138       | 3,117     |
| 29          |        | -         | -           | -          | -           | -          | -             | -           | -         |
| 550,127     |        | 481,688   | -           | 740        | 935         | 1,593      | 519           | 594         | 865       |
| 108,745     |        | 86,850    | 2,209       | 770        | 155         | 465        | 1,891         | 119         | 135       |
| 331,825     |        | 347,892   | -           | 534        | 675         | 1,151      | 375           | 429         | 625       |
| 5,276,617   | \$     | 4,853,359 | \$<br>2,209 | 8,087      | 9,412       | 16,232     | 7,028         | 5,993       | 8,696     |
| 5,282,474   | \$     | 4,859,105 | \$<br>2,217 | 8,296      | 9,412       | 17,010     | 7,028         | 6,031       | 8,700     |
| 718         |        | 759       | -           | -          | -           | -          | -             | 12          | 3         |
| 1,139       |        | 650       | 8           | -          | -           | -          | -             | 5           | 1         |
| 1,857       | \$     | 1,409     | \$<br>8     | -          | -           | -          | -             | 17          | 4         |
| 5,280,617   | \$     | 4,857,696 | \$<br>2,209 | 8,296      | 9,412       | 17,010     | 7,028         | 6,014       | 8,696     |



#### **Statement of Changes in Plan Net Assets**

#### for the fiscal year ended June 30, 2002 with Comparative Totals for June 30, 2001

(Expressed in thousands)

| (Expressed in thousands)   |    |            |         |         |           | County &              | County &   |
|--|----|------------|---------|---------|-----------|-----------------------|------------|
|  |    |            |         | New     |           | Municipal             | Municipal  |
|  |    | State      |         | State   |           | Police and            | Other      |
|  | F  | Employees' | Special |         | Judiciary | <b>Firefighters</b> ' | Employees' |
|  |    | Plan       | Plan    | Plan    | Plans     | Plan                  | Plan       |
| <u>additions:</u>  |    |            |         |         |           |                       |            |
| Contributions:   |    |            |         |         |           |                       |            |
| Employer Contributions   | \$ | 18,148     | -       | 2,476   | 1,399     | 2,779                 | 92         |
| Transfer of Contributions from PRI Fund                            |    | 31,994     | -       | 35      | 293       | -                     | -          |
| Transfer of Assets from Outside the System                         |    | -          | -       | -       | -         | -                     | -          |
| Member Contributions   |    | 33,477     | -       | 2,112   | 251       | 1,404                 | 57         |
| Other  |    | -          | -       | 7       | -         | -                     | -          |
| Total Contributions:   | \$ | 83,619     | -       | 4,630   | 1,943     | 4,183                 | 149        |
| Investments:   |    |            |         |         |           |                       |            |
| Investment Earnings  |    | 141,574    | 54      | 3,063   | 821       | 944                   | 83         |
| Net (Decrease) in Fair Value                                       |    | (429,051)  | (165)   | (9,075) | (2,459)   | (2,729)               | (246)      |
| -  | \$ | (287,477)  | (111)   | (6,012) | (1,638)   | (1,785)               | (163)      |
| Less Investment Manager/Advisor/Custody Fees                       |    | (12,804)   | (5)     | (277)   | (75)      | (86)                  | (7)        |
| Less Investment Administrative Expenses                            |    | (222)      | -       | (5)     | (1)       | (2)                   | -          |
| Total Net Investment Earnings:                                     | \$ | (300,503)  | (116)   | (6,294) | (1,714)   | (1,873)               | (170)      |
| Total Additions:   | \$ | (216,884)  | (116)   | (1,664) | 229       | 2,310                 | (21)       |
| Deductions:  |    |            |         |         |           |                       |            |
| Transfer of Contributions from PRI Fund                            |    | -          | -       | -       | -         | -                     | -          |
| Transfer of Assets Outside the System                              |    | -          | -       | -       | -         | -                     | -          |
| Benefits Payments  |    | 194,824    | 143     | 367     | 1,907     | 163                   | 41         |
| Refunds of Contributions to Members                                |    | 2,409      | -       | 87      | -         | 122                   | 21         |
| Group Life Payments  |    | 4,003      | 21      | -       | -         | -                     | -          |
| Administrative Expenses  |    | 4,634      | -       | -       | -         | -                     | -          |
| Allocation of Administrative Expenses                              |    | (193)      | 4       | 56      | 8         | 49                    | 15         |
| Total Deductions:  | \$ | 205,677    | 168     | 510     | 1,915     | 334                   | 77         |
| Net (Decrease)/Increase:   | \$ | (422,561)  | (284)   | (2,174) | (1,686)   | 1,976                 | (98)       |
| Net Assets Held in Trust for Pension<br>Benefits Beginning of Year | \$ | 5,057,849  | 2,049   | 102,805 | 28,629    | 29,693                | 2,833      |
| 0 0 1  |    |            |         |         |           | ,                     |            |

The notes to the financial statements are an integral part of this Statement.

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|           |             |                       |            |             | Post-      |        |    |           |       |              |
|-----------|-------------|-----------------------|------------|-------------|------------|--------|----|-----------|-------|--------------|
|           |             | County &              |            | Delaware    | Retirement |        |    |           |       |              |
|           | Diamond     | Municipal             | Post-      | Local Gov't | Health     | Closed |    |           |       |              |
| Volunteer | State Port  | Police and            | Retirement | Retirement  | Insurance  | State  |    | Totals    | for I | Fiscal years |
| Firemen's | Corporation | <b>Firefighters</b> ' | Increase   | Investment  | Premium    | Police |    |           | ende  | ed June 30,  |
| Plan      | Plan        | COLA Fund             | Fund       | Pool        | Fund       | Plan   |    | 2002      |       | 2001         |
|           |             |                       |            |             |            |        |    |           |       |              |
| 586       | 341         | -                     | 30,302     | -           | 8,541      | 17,805 | \$ | 82,469    | \$    | 75,025       |
| -         | -           | -                     | -          | -           | -          | -      |    | 32,322    |       | 38,526       |
| -         | -           | 2,255                 | -          | 2,430       | -          | -      |    | 4,685     |       | 3,239        |
| 209       | 157         | -                     | -          | -           | -          | 64     |    | 37,731    |       | 35,550       |
| -         | -           | -                     | -          | -           | -          | -      |    | 7         |       | 21           |
| 795       | 498         | 2,255                 | 30,302     | 2,430       | 8,541      | 17,869 | \$ | 157,214   | \$    | 152,361      |
|           |             |                       |            |             |            |        |    |           |       |              |
| 266       | 182         | 160                   | 491        | 288         | 227        | 109    |    | 148,262   |       | 177,037      |
| (797)     | (538)       | (661)                 | (1,456)    | (817)       | (452)      | -      |    | (448,446) |       | (447,882)    |
| (531)     | (356)       | (501)                 | (965)      | (529)       | (225)      | 109    | \$ | (300,184) | \$    | (270,845)    |
| (25)      | (16)        | (15)                  | (44)       | (26)        | (20)       | -      |    | (13,400)  |       | (16,035)     |
| (1)       | -           | -                     | (1)        | -           | -          | -      |    | (232)     |       | (206)        |
| (557)     | (372)       | (516)                 | (1,010)    | (555)       | (245)      | 109    | \$ | (313,816) | \$    | (287,086)    |
| 238       | 126         | 1,739                 | 29,292     | 1,875       | 8,296      | 17,978 | \$ | (156,602) | \$    | (134,725)    |
|           |             |                       |            |             |            |        |    |           |       |              |
| -         | -           | -                     | 32,322     | -           | -          | -      |    | 32,322    |       | 38,526       |
| -         | -           | 6,232                 | -          | -           | -          | -      |    | 6,232     |       | 2,710        |
| 1,018     | 185         | -                     | -          | -           | -          | 17,705 |    | 216,353   |       | 195,971      |
| 44        | 15          | -                     | -          | -           | -          | -      |    | 2,698     |       | 2,610        |
| -         | -           | -                     | -          | -           | -          | 56     |    | 4,080     |       | 3,710        |
| -         | -           | -                     | -          | -           | -          | -      |    | 4,634     |       | 4,972        |
| 17        | 27          | -                     | -          | -           | -          | 17     |    | -         |       |              |
| 1,079     | 227         | 6,232                 | 32,322     | -           | -          | 17,778 | \$ | 266,319   | \$    | 248,499      |
| (841)     | (101)       | (4,493)               | (3,030)    | 1,875       | 8,296      | 200    | \$ | (422,921) | \$    | (383,224)    |
| 9,537     | 6,115       | 11,521                | 20,040     | 7,537       | -          | 2,009  | s  | 5,280,617 | S     | 5,663,841    |
| 9,007     | 0,115       | 11,321                | ۵0,040     | 1,001       |            | ۵,009  | \$ | 3,200,017 | \$    | 3,003,041    |
| 8,696     | 6,014       | 7,028                 | 17,010     | 9,412       | 8,296      | 2,209  | \$ | 4,857,696 | \$    | 5,280,617    |

#### Statement of Plan Net Assets for the Delaware Local Government Retirement Investment Pool

as of June 30, 2002 with Comparative Totals for June 30, 2001

(Expressed in thousands)

|   |    | Sussex |         |             |          |          |
|---|----|--------|---------|-------------|----------|----------|
|   |    | County | Town of | <br>Tota    | ls as of | June 30, |
|   |    | Gov't  | Elsmere | 2002        |          | 2001     |
| Assets:   |    |        |         |             |          |          |
| Cash  | \$ | -      | -       | \$<br>-     | \$       | -        |
| Receivables:                                      |    |        |         |             |          |          |
| Employer Contributions                            |    | -      | -       | -           |          | -        |
| Member Contributions                              |    | -      | -       | -           |          | -        |
| Total Receivables:                                | \$ | -      | -       | \$<br>-     | \$       |          |
| Investments at Fair Value:                        |    |        |         |             |          |          |
| Domestic Fixed Income                             |    | 1,629  | 277     | 1,906       |          | 1,283    |
| Domestic Equities                                 |    | 2,026  | 345     | 2,371       |          | 2,013    |
| Pooled Equity & Fixed Income                      |    | 2,880  | 490     | 3,370       |          | 2,834    |
| Pooled Real Estate                                |    | -      | -       | -           |          | -        |
| Private Investments                               |    | 799    | 136     | 935         |          | 787      |
| Short Term Investments                            |    | 133    | 22      | 155         |          | 145      |
| Foreign Equities                                  |    | 577    | 98      | 675         |          | 475      |
| Total Investments:                                | \$ | 8,044  | 1,368   | \$<br>9,412 | \$       | 7,537    |
| Total Assets:                                     | \$ | 8,044  | 1,368   | \$<br>9,412 | \$       | 7,537    |
| Liabilities:                                      |    |        |         |             |          |          |
| Benefits Payable                                  |    | -      | -       | -           |          | -        |
| Accrued Administrative Expenses                   |    | -      | -       | -           |          | -        |
| Total Liabilities:                                | \$ | -      | -       | \$<br>-     | \$       | -        |
| Net Assets Held in Trust for Pension<br>Benefits: | Ş  | 8,044  | 1,368   | \$<br>9,412 | \$       | 7,537    |

The notes to the financial statements are an integral part of this Statement.

#### Statement of Changes in Plan Net Assets for the Delaware Local Government Retirement Investment Pool

for the fiscal year ended June 30, 2002 with Comparative Totals for June 30, 2001

(Expressed in thousands)

|  | Sussex      |         | <b>Totals</b> | for Fisc | al Years |
|--|-------------|---------|---------------|----------|----------|
|  | County      | Town of |               | ended J  | June 30, |
|  | Gov't       | Elsmere | 2002          |          | 2001     |
| Additions:   |             |         |               |          |          |
| Contributions:   |             |         |               |          |          |
| Employer Contributions   | \$<br>-     | -       | \$<br>-       | \$       | -        |
| Transfer of Contributions from PRI Fund                            | -           | -       | -             |          | -        |
| Transfer of Assets from Outside the System                         | 1,000       | 1,430   | 2,430         |          | 1,441    |
| Member Contributions   | -           | -       | -             |          | -        |
| Other  | -           | -       | -             |          | -        |
| Total Contributions:   | \$<br>1,000 | 1,430   | \$<br>2,430   | \$       | 1,441    |
| Investments:   |             |         |               |          |          |
| Investment Earnings  | 246         | 42      | 288           |          | 253      |
| Net (Decrease)/Increase in Fair Value                              | (717)       | (100)   | (817)         |          | (652)    |
| -  | \$<br>(471) | (58)    | \$<br>(529)   | \$       | (399)    |
| Less Investment Manager/Advisor/Custody Fees                       | (22)        | (4)     | (26)          |          | (23)     |
| Less Investment Administrative Expenses                            | -           | -       | -             |          | -        |
| Total Net Investment Losses:                                       | \$<br>(493) | (62)    | \$<br>(555)   | \$       | (422)    |
| Total Additions:   | \$<br>507   | 1,368   | \$<br>1,875   | \$       | 1,019    |
| Deductions:  |             |         |               |          |          |
| Transfer of Contributions from PRI Fund                            | -           | -       | -             |          | -        |
| Transfer of Assets Outside the System                              | -           | -       | -             |          | -        |
| Benefits Payments  | -           | -       | -             |          | -        |
| Refunds of Contributions to Members                                | -           | -       | -             |          | -        |
| Group Life Payments  | -           | -       | -             |          | -        |
| Administrative Expenses  | -           | -       | -             |          | -        |
| Allocation of Administrative Expenses                              | -           | -       | -             |          | -        |
| Total Deductions:  | \$<br>-     | -       | \$<br>-       | \$       | -        |
| Net Increase:  | \$<br>507   | 1,368   | \$<br>1,875   | \$       | 1,019    |
| Net Assets Held in Trust for Pension Benefits<br>Beginning of Year | \$<br>7,537 | _       | \$<br>7,537   | \$       | 6,518    |
| Net Assets Held in Trust for Pension Benefits<br>End of Year:      | \$<br>8,044 | 1,368   | \$<br>9,412   | \$       | 7,537    |

The notes to the financial statements are an integral part of this Statement.

#### 1. Plan Descriptions and Contribution Information

The State of Delaware General Assembly enacted legislation to provide for the following State-sponsored pension plans:

- State Employees' Pension Plan.
- Special Pension Plan.
- New State Police Pension Plan.
- Judiciary Pension Plans (Closed and Revised).
- County & Municipal Police/Firefighters' Pension Plan.
- County & Municipal Other Employees' Pension Plan.
- Volunteer Firemen's Pension Plan.
- Diamond State Port Corporation Pension Plan.
- Closed State Police Pension Plan.

With the exception of the Diamond State Port Corporation Pension Plan, the General Assembly is responsible for setting benefits and contributions and amending plan provisions. The Board of Directors for the Diamond State Port Corporation is responsible for setting benefits and contributions and amending their plan provisions.

As of June 30, 2002, employee membership data related to each of the Plans was as follows:

| Plan                                    | Retirees &<br>Beneficiaries<br>Currently Receiving<br>Benefits | But Not Yet | Active<br>Participants | Total Membership | Total<br>Participating<br>Employers |
|---|--|-------------|------------------------|------------------|-------------------------------------|
| State Employees'                        | 16,233   | 930         | 31,951                 | 49,114           | 7                                   |
| Special                                 | 36   | -           | -                      | 36               | N/A                                 |
| New State Police                        | 16   | 5           | 553                    | 574              | 1                                   |
| Judiciary                               | 37   | 3           | 53                     | 93               | 1                                   |
| County & Municipal Police/Firefighters' | 11   | 14          | 505                    | 530              | 11                                  |
| County & Municipal Other Employees'     | 11   | 1           | 90                     | 102              | 11                                  |
| Volunteer Firemen's                     | 1,169  | 21          | 4,856                  | 6,046            | 61                                  |
| Diamond State Port Corporation          | 14   | 2           | 280                    | 296              | 1                                   |
| Closed State Police                     | 548  | -           | 40                     | 588              | 1                                   |
| Total:                                  | 18,075   | 976         | 38,328                 | 57,379           | 94                                  |

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#### **State Employees' Pension Plan**

<u>Plan Description and Eligibility:</u> The State Employees' Pension Plan is a cost-sharing multiple employer defined benefit plan that covers virtually all full-time or regular part-time employees of the State, including employees of other affiliated entities.

<u>Service Benefits:</u> Final average monthly compensation multiplied by 2.0% and multiplied by years of credited service prior to January 1 1997, plus final average compensation multiplied by 1.85% and multiplied by years of credited service after December 31, 1996, subject to minimum limitations. For this plan, final average monthly compensation is the monthly average of the highest three years of compensation.

<u>Vesting:</u> 5 years of credited service.

<u>Retirement:</u> Age 62 with 5 years of credited service; age 60 with 15 years of credited service; or after 30 years of credited service.

<u>Disability Benefits:</u> Same as Service Benefits. Employee must have 5 years of credited service.

<u>Survivor Benefits:</u> If employee is receiving a pension or is active with at least 5 years of credited service, eligible survivor receives 50% (or 75% with 3% reduction of benefit) of the benefit the employee would have received at age 62.

<u>Contributions:</u> Employer - determined by Board of Pension Trustees. Employee - 3% of earnings in excess of \$6,000.

Death Benefit: \$7,000 per member.

#### **Special Pension Plan**

<u>Plan Description and Eligibility:</u> The Special Pension Plan is a cost-sharing multiple employer defined benefit plan that covers benefits granted to certain retirees or groups of retirees through legislation passed by the General Assembly.

<u>Service Benefits:</u> Defined by special legislation.

<u>Vesting:</u> Not applicable.

Retirement: Not applicable.

Disability Benefits: Not applicable.

Survivor Benefits: Same as State Employees' Plan.

<u>Contributions:</u> Employer contributions are actuarially determined and fully funded in advance by the General Assembly.

Death Benefit: \$7,000 per member.

#### New State Police Pension Plan

<u>Plan Description and Eligibility:</u> The New State Police Pension Plan is a single-employer defined benefit plan that covers all State police officers appointed on or after July 1, 1980.

<u>Service Benefits:</u> 2.5% of final average monthly compensation multiplied by years of credited service up to 20 years, plus 3.5% of final average monthly compensation multiplied by years of service in excess of 20 years. For this plan, final average monthly compensation is the monthly average of the highest three consecutive years of compensation.

Vesting: 10 years of credited service.

<u>Retirement:</u> Age 62 with 10 years of credited service; age plus credited service (but not less than 10 years) equals 75; or 20 years of credited service.

**Disability Benefits:** 

Duty - *Total Disability* - 75% of final average compensation plus 10% for each dependent not to exceed 25% for all dependents.

*Partial Disability* - calculated the same as Service Benefits, subject to minimum 50% of final average compensation.

Ordinary - Same as Benefits.

<u>Survivor Benefits:</u> If employee is receiving a pension, the eligible survivor receives 50% of pension; if employee is active, eligible survivor receives 50% of compensation.

Contributions:

Employer - determined by Board of Pension Trustees. Employee - 7% of compensation.

Death Benefit: \$7,000 per member.



#### Judiciary Pension Plans (Closed and Revised)

#### <u>Plan Description and Eligibility:</u>

The Closed Judiciary Pension Plan is a single-employer defined benefit plan that covers members of State Judiciary appointed before July 1, 1980.

The Revised Judiciary Pension Plan is a single-employer defined benefit plan that covers members of State Judiciary appointed on or after July 1, 1980 or members appointed before July 1, 1980 who accept the provisions of this Plan.

Assets of one plan can be used to satisfy the liabilities of the other plan.

#### Service Benefits:

Closed - 3% of final average compensation multiplied by years of credited service, subject to maximum and minimum limitations.

Revised - 1/24th of final average monthly compensation multiplied by years of service up to 12 years, plus 1/48th of final average monthly compensation, multiplied by years of service from 13 to 24 years, subject to maximum limitations.

For this plan, final average monthly compensation is the monthly average of the highest three consecutive years of compensation.

Vesting: 12 years of credited service.

#### Retirement:

- Closed Age 65 with 12 years of credited service, or any age with 24 years of credited service.
- Revised Age 62 with 12 years of credited service, or any age with 24 years of credited service.

Disability Benefits: Same as Service Benefits.

#### Survivor Benefits:

- Closed If employee is receiving a pension, then eligible survivor receives 2/3 of pension; if employee is active with 12 years of credited service, then eligible survivor receives 2/3 of pension the employee would have been eligible to receive.
- Revised If employee is receiving a pension, then eligible survivor receives 1/2 of pension (2/3 with 3% reduction); if employee is active, eligible survivor receives 2/3 of pension the employee would have received at age 62.

#### <u>Contributions:</u> Employer - determined by Board of Pension Trustees.

#### Employee -

Closed - \$500 per year for the first 25 years of service.

Revised - 3% of earnings that exceed \$6,000 per year, plus 2% of earnings that exceed the Social Security Wage Base for the first 24 years of service.

Death Benefit: Not applicable.

## County & Municipal Police/Firefighters' Pension Plan

<u>Plan Description and Eligibility:</u> County & Municipal Police/Firefighters' Pension Plan, both FICA and Non-FICA, are cost-sharing multiple employer defined benefit plans that cover police officers/firemen employed by a county or municipality of the State which has become part of the Plan.

<u>Service Benefits:</u> 1/40th of final average monthly compensation multiplied by years of credited service, subject to limitations. For this plan, final average monthly compensation is the monthly average of the highest three consecutive years of compensation.

Vesting: 10 years of credited service.

<u>Retirement:</u> Age 62 with 10 years of service; age plus credited service (but not less than 10 years) equals 75; or 20 years of credited service.

#### **Disability Benefits:**

- Duty *Total Disability* 75% of final average compensation plus 10% for each dependent not to exceed 25% for all dependents.
- *Partial Disability* calculated the same as Service Benefits, subject to minimum 50% of final average compensation.

Ordinary - Same as Service Benefits.

<u>Survivor Benefits:</u> If employee is receiving a pension, then eligible survivor receives 50% of pension; if employee is active, eligible survivor receives 50% of pension the employee would have received at age 62.

#### Contributions:

Employer -determined by Board of Pension Trustees.

Employee - FICA covered - 5% of compensation. Non-FICA covered - 7% of compensation.

Death Benefit: Not applicable.



#### **County & Municipal Other Employees' Pension Plan**

<u>Plan Description and Eligibility:</u> County & Municipal Other Employees' Pension Plan is a cost-sharing multiple employer defined benefit plan that covers employees of counties or municipalities which have become part of the Plan.

<u>Service Benefits:</u> 1/60th of final average monthly compensation multiplied by years of credited service, subject to maximum limitations. For this plan, final average monthly compensation is the monthly average of the highest five years of compensation.

Vesting: 5 years of credited service.

<u>Retirement:</u> Age 62 with 5 years of credited service; age 60 with 15 years of credited service; or 30 years of credited service.

<u>Disability Benefits:</u> Same as Service Benefits. Employee must have 5 years of credited service.

<u>Survivor Benefits:</u> If employee is receiving a pension or is active with at least 5 years of credited service, then eligible survivor receives 50% of pension the employee would have received at age 62.

<u>Contributions:</u> Employer - determined by Board of Pension Trustees.

Employee - 3% of earnings in excess of \$6,000, plus 2% of earnings that exceed the Social Security Wage Base.

Death Benefit: Not applicable.

#### Volunteer Firemen's Pension Plan

<u>Plan Description and Eligibility:</u> The Volunteer Firemen's Pension Plan is a cost-sharing multiple employer defined benefit plan which covers all actively participating volunteers of fire departments, ladies auxiliaries, or ambulance organizations within the State of Delaware.

<u>Service Benefits:</u> \$5 multiplied by years of credited service (not to exceed 25 years) per month.

Vesting: 10 years of credited service.

Retirement: Age 60 with 10 years credited service.

Disability Benefits: Not applicable.

Survivor Benefits: Not applicable.

<u>Contributions:</u> Employer - determined by Board of Pension Trustees.

Volunteer Member - \$60 per member per year.

Death Benefit: Not applicable.



#### **Diamond State Port Corporation Pension Plan**

<u>Plan Description and Eligibility:</u> The Diamond State Port Corporation Pension Plan is a single-employer defined benefit plan which covers all employees of the Diamond State Port Corporation.

<u>Service Benefits:</u> 1.75% of final average monthly compensation multiplied by the years of credited service (not to exceed 30 years). For this plan, final average monthly compensation is the monthly average of the highest consecutive five years of compensation within the last ten years of employment.

Vesting: 5 years of credited service.

<u>Retirement:</u> Age 65 with 5 years of credited service; or age (not less than 55 years) plus credited service equals 90.

<u>Disability Benefits:</u> Same as Service Benefits. Employee must have 15 years of credited service.

<u>Survivor Benefits:</u> If employee is receiving a pension or is active with at least 15 years of credited service, then eligible survivor receives 50% of pension the employee would have received at age 65.

<u>Contributions:</u> Employer - determined by Board of Pension Trustees.

Employee - 2% of compensation.

Death Benefit: Not applicable.

#### **Closed State Police Pension Plan**

<u>Plan Description and Eligibility:</u> The Closed State Police Pension Plan is a single-employer defined benefit plan that covers all State police officers appointed before July 1, 1980.

Service Benefits: 50% of monthly salary.

<u>Vesting / Retirement:</u> 20 years of credited service or age 55.

Disability Benefits: Duty - 75% of monthly salary. Ordinary - 50% of monthly salary.

<u>Survivor Benefits:</u> If employee is active or is receiving a service or service-related disability pension, the eligible survivor receives 75% of pension; if employee is receiving a non-service related disability pension, eligible survivor receives 50% of pension.

#### **Contributions:**

- Employer The Closed State Police Plan is funded on a pay-as-you-go basis.
- Employee 5% of salary with 20 years or less of credited service; 2% of salary with over 20 years credited service.

Death Benefit: \$7,000 per member.

# 2. Fund Descriptions and Contributions

#### **County & Municipal Police & Firefighters' COLA Fund**

During 1990, the State of Delaware passed legislation which established a mechanism for funding post-retirement increases granted by employers who participate in the County & Municipal Police/Firefighters' Pension Plans. This mechanism allows the State to appropriate funds to a separate COLA Fund managed by the Board of Pension Trustees (Board). The funds are generated by a 0.25% tax on the value of insurance premiums written within the State. The proceeds of the tax are transferred to the State and local governments on a per member basis. The portion of the tax payable relating to the State Police is re-directed into the COLA Fund. When a participating employer grants a post-retirement increase, funds are transferred from the COLA Fund to the employer. The participating employer must provide funds to match the State's contribution.

#### **Post-Retirement Increase Fund**

During 1993, the State of Delaware passed legislation which established a mechanism for funding ad hoc post-retirement increases granted by the General Assembly to employees retired under the State Employees' Plan, the New State Police Plan, and the Judiciary Plans (Closed and Revised) beginning in fiscal 1994. The mechanism allows the State to appropriate actuarially determined employer contributions to a separate Post-Retirement Increase Fund managed by the Board. When the Legislature grants an ad hoc post-retirement adjustment, funds are transferred from this Post-Retirement Increase Fund on a monthly basis based on a 5-year actuarial funding schedule to the appropriate pension plan from which the additional benefits are disbursed.

#### **Investment Trust Fund**

In June 1996, the State of Delaware passed legislation which established the Delaware Local Government Retirement Investment Pool (DELRIP) in the custody of the Board to allow local governments the option to pool their pension assets with the System. The DELRIP is an external investment pool that allows local governments to maximize their rate of return and reduce administrative expenses related to the investment of funds. There were two participating entities in the DELRIP as of June 30, 2002 which comprise the pool in its entirety.

The DELRIP is subject to the oversight of the System's Investment Committee and not subject to the regulatory oversight of the Securities and Exchange Commission (SEC). The System has not provided or obtained any legal binding guarantees during the year to support the value of shares. The fair value of the portion in the pool is the same as the value of the Master Trust shares.

#### **Post-Retirement Health Insurance Premium Fund**

In June 2000, the State of Delaware passed legislation which established a mechanism for funding the State's retiree health care costs for covered employees in the State Employees' Pension Plan. The mechanism allows the State to appropriate employer contributions to a separate fund managed by the Board. Upon legislative action, these funds will be used to pay the State's cost for health care premiums. Funding began in July 2001 in the amount of 0.65% of payroll.

# 3. Summary of Significant Accounting Policies

# **Reporting Entity**

The management of all the Plans in the System is the responsibility of the Board. The Board is comprised of five members appointed by the Governor and confirmed by the State Senate, plus two ex-officio members. The daily operation of the System is the responsibility of the Office of Pensions. Although the assets of the Plans are commingled for investment purposes, each Plan's assets may be used only for the payment of benefits to the members of that Plan in accordance with the terms of that Plan.

Although separate financial statements are presented for the System as a whole, the System is also considered a component unit of the State of Delaware financial reporting entity.

### **Basis of Accounting**

The financial statements are presented on the accrual basis. Employer contributions to each plan are recognized when due and the employer has made a formal commitment to provide the contributions. Benefits and refunds are recognized when due and payable in accordance with the terms of each Plan.

The accompanying financial statements include certain prior year summarized comparative information. Such information does not include sufficient detail to constitute a presentation in conformity with accounting principles generally accepted in the United States.

#### Investments

All of the investment assets of the Plans, with the exception of the Closed State Police Pension Plan, are pooled and invested in a common Master Trust. Each of the Plans have equity in the Master Trust based on funds contributed and earnings allocated.

Investments are presented at fair value. Fair values are determined by quoted market prices, where available. Investments in real estate pooled funds are determined based on appraised values. Venture capital and other limited partnership values are determined based on appraised values which approximates fair value.

#### **Administrative Expenses**

Expenses for the administration of the System are budgeted and approved by the Board and are paid from investment earnings.

# 4. Deposits and Investments

#### **Investment Policy**

There are no State statutes setting forth allowable investments for the System. The investment decisions are dictated by the internal investment policy established by the Board as outlined below:

- maintain a minimum of 20 25% of total assets of the System in fixed income investments such as bonds and cash equivalents (assets with maturity of less than one year);
- conduct an ongoing review of prospective risk levels and rates of return available from all classes of assets eligible for investment;
- employ a diversity of investment managers with demonstrated skills in managing funds through different styles of management with expertise in particular kinds of assets such as stocks, bonds, real estate, mortgages, venture capital, money market instruments, or combinations thereof; and
- closely monitor the performance of all investment managers not only in relation to specific absolute objectives, but also in relation to other fund managers following the same investment objectives.

For the year ended June 30, 2002, the System has operated in all material respects in accordance with these policies.

#### Deposits

The bank balance and carrying amount of the System's deposits totaled \$1,009,000 as of June 30, 2002. The System's cash represents pooled deposits held by the State Treasurer's Office, which are uninsured and uncollateralized.

#### Investments

The following table presents the System's investments as of June 30, 2002, categorized to give an indication of the level of risk assumed by the System. The categories of investment risk are:

- 1. Insured or registered investments, or securities held by the System or its agent in the System's name.
- 2. Uninsured or unregistered investments, with securities held by the counterparty's trust department or agent in the System's name.
- 3. Uninsured and unregistered investments, with securities held by the counterparty in the System's name or held by the counterparty's trust department or agent but not in the System's name.

Investments not evidenced by securities are not categorized. Such investments include venture capital, limited partnerships, open-end mutual funds, and real estate. Pooled investments represent those investments in which the System owns units of the pool rather than specific securities. As a result, such investments cannot be categorized as to credit risk.

No significant changes occurred in the various categories of credit risk of the System's investments during the year ended June 30, 2002.

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| Summary of Investment       | Risk         |          |          | Securities not Subject | Fair Value   |
|-----------------------------|--------------|----------|----------|------------------------|--------------|
| (Expressed in thousands)    | Category     | Category | Category | to Classification of   | as of        |
|                             | 1            | 2        | 3        | Credit Risk            | June 30,2002 |
| Domestic Fixed Income       | \$ 981,328   | _        | _        | \$ —                   | \$ 981,328   |
| Domestic Equities           | 1,220,326    |          | _        |                        | 1,220,326    |
| Pooled Equity & Fixed Incom | ne —         | _        | _        | 1,735,275              | 1,735,275    |
| Private Investments         | —            | _        | _        | 481,688                | 481,688      |
| Short-Term Investments*     | 86,850       | _        | _        |                        | 86,850       |
| Foreign Equities            | 347,892      | _        | _        |                        | 347,892      |
|                             | \$ 2,636,396 | _        |          | \$ 2,216,963           | \$ 4,853,359 |
|                             | \$ 2,030,390 |          |          | \$ 2,210,903           | \$ 4,033,339 |

\*Short Term Investments primarily includes Commercial Paper and Overnight Deposits

#### **Investments in Excess of 5% of Net Assets Held in Trust for Pension Benefits**

The following managers have investments at fair value in excess of 5% of the System's net assets held in trust for pension benefits as of June 30, 2002:

|   | Fair Value               |
|---|--------------------------|
|   | (Expressed in thousands) |
| Mellon Capital Asset Allocation Fund        | \$ 1,071,657             |
| Mellon Capital Global Asset Allocation Fund | 663,618                  |
| Lincoln Capital - Fixed                     | 345,010                  |
| T. Rowe Price High Yield Bonds              | 252,342                  |

#### **Management Fees**

The System has paid \$12.3 million and \$12.1 million in management fees to the venture capital limited partnerships for the year ended June 30, 2002 and 2001, respectively. These fees are netted against investment income.

#### **Investment Commitments**

The System has made commitments to invest up to an additional \$196.4 million in venture capital limited partnerships in varying amounts as of June 30, 2002, to be drawn down as called over a period of years.

#### **Risk Management**

Risks of loss to which the System is exposed, other than routine investment losses, are covered by the System. Fixed assets used by the System are considered to be the property of the State of Delaware and total approximately \$331,000. Risk of loss relative to worker's compensation, self-insurance, theft, torts, etc., is assumed by the State of Delaware.

#### **Foreign Investments/Forward Exchange Contracts**

Foreign investments pertain to investments in foreign equity securities, bonds issued by foreign entities and foreign short-term investments and money market funds.

In conjunction with certain of these investments, the System has entered into forward exchange contracts to sell or purchase certain foreign currencies at specified rates at stated dates. At June 30, 2002, the System had sixteen (16) open forward exchange contracts in various foreign currencies at various rates and dates through July 18, 2002. At June 30, 2002, the aggregate unrealized loss on such open contracts was \$16.9 million.

#### **Derivatives**

Derivatives are instruments (securities or contracts) whose value is dependent on such things as stock or bond prices, interest rate levels, or currency exchange rates. In June 1994, the Board adopted a formal written policy on the use of derivatives. Only a few selected managers are permitted to use derivatives. In every case, the types of derivatives used and limits on their use are stated in the manager's contract and are monitored on an ongoing basis; so-called "exotic" derivatives and leverage are never used as appropriate investment vehicles. Managers authorized to use derivatives do so to reduce foreign exchange risk and minimize transaction costs. Managers may also use derivatives as part of an overall strategy to enhance returns.

The following lists principal categories of derivatives and their uses during the year:

| Category                             | Purpose  |
|--------------------------------------|--|
| Foreign exchange forward contracts   | Hedge currency risk of investments denominated in foreign currencies |
| Exchange traded equity futures       | Reduce transaction costs; hedge equity market risk; enhance return   |
| Exchange traded fixed income futures | Reduce transaction costs; control portfolio duration; enhance return |
| Exchange traded options              | Enhance return; reduce transaction costs                             |
| Asset backed securities              | Enhance return   |

Generally, derivatives are subject both to market risk and to counterparty risk. The derivatives utilized by the System typically have no greater market risk than their physical counterparts, and in many cases are offset by exposures elsewhere in the portfolio (for example, a short S&P 500 futures contract partially hedging a long position in S&P 500 securities). Counterparty risk, the risk that the "other party" to a contract will default, is managed by utilization of exchange traded futures and options where practical (in which case the futures exchange is the counterparty and guarantees performance) and by careful screening of counterparties where use of exchange traded products is impractical or uneconomical.

Derivative securities are priced and accounted for at their fair value. For exchange traded securities such as futures and options, closing prices from the securities exchanges are used. For fixed income derivatives such as collateralized mortgage obligations (CMO), commercial pricing services (where available) or bid-side prices from a broker/dealer are used. Foreign exchange forward contracts are valued at the price at which the transaction could be settled by offset in the forward markets.

The Board believes that it is unlikely that any of the derivatives used by managers of the System could have a material adverse effect on its financial condition.

# **Required Supplementary Information**

# **<u>Schedule 1</u>** -- Schedule of Funding Progress

(Dollar values expressed in thousands)

|                      |           |                 |                    |            |         |              | (6)                  |
|----------------------|-----------|-----------------|--------------------|------------|---------|--------------|----------------------|
|                      |           |                 | (2)                | (3)        |         |              | UAAL as              |
|                      |           | (1)             | Actuarial          | Unfunded   | (4)     | (5)          | <b>a</b> % <b>of</b> |
|                      | Actuarial | Actuarial       | Accrued            | AAL        | Funded  | Annualized   | Covered              |
|                      | Valuation | Value of        | Liability          | (UAAL)     | Ratios  | Covered      | Payroll              |
| Plan                 | Date      | Assets          | (AAL)              | (2) - (1)  | (1)/(2) | Payroll      | (3)/(5)              |
| State Employees'     | 6/30/2002 | \$<br>4,956,156 | \$<br>4,521,732 \$ | (434,424)  | 109.6%  | \$ 1,351,112 | (32.2%)              |
|                      | 6/30/2001 | 4,759,031       | 4,232,244          | (526,787)  | 112.4%  | 1,270,632    | (41.5%)              |
|                      | 6/30/2000 | 4,409,079       | 3,769,596          | (639,483)  | 117.0%  | 1,198,626    | (53.4%)              |
|                      | 6/30/1999 | 3,888,852       | 3,350,127          | (538,725)  | 116.1%  | 1,125,857    | (47.9%)              |
|                      | 6/30/1998 | 3,440,272       | 3,135,665          | (304,607)  | 109.7%  | 1,070,052    | (28.5%)              |
|                      | 6/30/1997 | 3,011,521       | 2,815,795          | (195,726)  | 107.0%  | 1,024,976    | (19.1%)              |
| Special              | 6/30/2002 | \$<br>1,832     | \$<br>742 \$       | \$ (1,090) | 246.9%  | N/A          | N/A                  |
|                      | 6/30/2001 | 1,866           | 993                | (873)      | 187.9%  | N/A          | N/A                  |
|                      | 6/30/2000 | 1,834           | 834                | (1,000)    | 219.9%  | N/A          | N/A                  |
|                      | 6/30/1999 | 1,720           | 826                | (894)      | 208.2%  | N/A          | N/A                  |
|                      | 6/30/1998 | 1,652           | 899                | (753)      | 183.8%  | N/A          | N/A                  |
|                      | 6/30/1997 | 1,557           | 797                | (760)      | 195.4%  | N/A          | N/A                  |
| New State Police     | 6/30/2002 | \$<br>109,615   | \$<br>91,928       | 6 (17,687) | 119.2%  | \$ 30,281    | (58.4%)              |
|                      | 6/30/2001 | 99,138          | 80,040             | (19,098)   | 123.9%  | 27,624       | (69.1%)              |
|                      | 6/30/2000 | 86,810          | 68,367             | (18,443)   | 127.0%  | 25,558       | (72.2%)              |
|                      | 6/30/1999 | 72,425          | 54,713             | (17,712)   | 132.4%  | 23,518       | (75.3%)              |
|                      | 6/30/1998 | 60,191          | 47,078             | (13,113)   | 127.9%  | 21,462       | (61.1%)              |
|                      | 6/30/1997 | 49,238          | 40,625             | (8,613)    | 121.2%  | 19,227       | (44.8%)              |
| Judiciary            | 6/30/2002 | \$<br>29,049    | \$<br>30,122       | \$ 1,073   | 96.4%   | \$ 7,329     | 14.6%                |
|                      | 6/30/2001 | 27,231          | 29,635             | 2,404      | 91.9%   | 6,371        | 37.7%                |
|                      | 6/30/2000 | 24,884          | 28,108             | 3,224      | 88.5%   | 5,794        | 55.6%                |
|                      | 6/30/1999 | 21,256          | 25,402             | 4,146      | 83.7%   | 5,673        | 73.1%                |
|                      | 6/30/1998 | 18,429          | 24,175             | 5,746      | 76.2%   | 5,118        | 112.3%               |
|                      | 6/30/1997 | 15,785          | 21,671             | 5,886      | 72.8%   | 4,948        | 119.0%               |
| County & Municipal   | 6/30/2002 | \$<br>35,053    | \$<br>30,344       | \$ (4,709) | 115.5%  | \$ 21,342    | (22.1%)              |
| Police/Firefighters' | 6/30/2001 | 29,389          | 29,465             | 76         | 99.5%   | 19,605       | 1.1%                 |
|                      | 6/30/2000 | 23,496          | 23,582             | 86         | 99.3%   | 18,011       | 1.4%                 |
|                      | 6/30/1999 | 17,272          | 17,697             | 425        | 96.0%   | 15,230       | 8.6%                 |
|                      | 6/30/1998 | 12,842          | 12,868             | 26         | 99.7%   | 11,712       | 0.6%                 |
|                      | 6/30/1997 | 9,358           | 9,387              | 29         | 99.6%   | 9,215        | 0.7%                 |

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# **<u>Schedule 1</u>** -- Schedule of Funding Progress

(Dollar values expressed in thousands)

|                      |           |    |           |    |           |    |           |         |    |           | (6)           |
|----------------------|-----------|----|-----------|----|-----------|----|-----------|---------|----|-----------|---------------|
|                      |           |    |           |    | (2)       |    | (3)       |         |    |           | UAAL as       |
|                      |           |    | (1)       | A  | Actuarial | U  | nfunded   | (4)     |    | (5)       | a % of        |
|                      | Actuarial | A  | Actuarial |    | Accrued   |    | AAL       | Funded  | Ar | nualized  | Covered       |
|                      | Valuation |    | Value of  |    | Liability |    | (UAAL)    | Ratios  |    | Covered   | Payroll       |
| Plan                 | Date      |    | Assets    |    | (AAL)     |    | (2) - (1) | (1)/(2) |    | Payroll   | (3)/(5)       |
| County & Municipal   | 6/30/2002 | \$ | 3,033     | \$ | 2,816     | \$ | (217)     | 107.7%  | \$ | 2,545     | (8.5%)        |
| Other Employees'     | 6/30/2001 |    | 2,794     |    | 2,962     |    | 168       | 94.3%   |    | 2,292     | 7.3%          |
|                      | 6/30/2000 |    | 2,410     |    | 2,604     |    | 194       | 92.5%   |    | 2,004     | 9.7%          |
|                      | 6/30/1999 |    | 1,783     |    | 2,272     |    | 489       | 78.5%   |    | 1,706     | 28.7%         |
|                      | 6/30/1998 |    | 1,419     |    | 1,552     |    | 133       | 91.4%   |    | 1,385     | 9.6%          |
|                      | 6/30/1997 |    | 1,152     |    | 1,274     |    | 122       | 90.4%   |    | 1,279     | 9.5%          |
| Diamond State Port   | 6/30/2002 | \$ | 6,675     | \$ | 6,617     | \$ | (58)      | 100.9%  | \$ | 9,354     | (0.6%)        |
| Authority            | 6/30/2001 |    | 6,044     |    | 5,618     |    | (426)     | 107.6%  |    | 8,788     | (4.8%)        |
|                      | 6/30/2000 |    | 5,188     |    | 5,222     |    | 34        | 99.3%   |    | 7,715     | 0.4%          |
|                      | 6/30/1999 |    | 4,171     |    | 4,951     |    | 780       | 84.2%   |    | 7,637     | 10.2%         |
|                      | 6/30/1998 |    | 3,310     |    | 4,368     |    | 1,058     | 75.8%   |    | 6,731     | 15.7%         |
|                      | 6/30/1997 |    | 2,533     |    | 3,861     |    | 1,328     | 65.6%   |    | 4,116     | 32.3%         |
| Closed State Police+ | 6/30/2002 | \$ | 2,036     | \$ | 318,687   | \$ | 316,651   | 0.6%    | \$ | 3,105     | 10,198.1%     |
|                      | 6/30/2001 |    | 1,749     |    | 306,194   |    | 304,445   | 0.6%    |    | 3,247     | 9,376.2%      |
|                      | 6/30/2000 |    | 1,468     |    | 302,795   |    | 301,327   | 0.5%    |    | 3,888     | 7,750.2%      |
|                      | 6/30/1999 |    | 1,164     |    | 304,438   |    | 303,274   | 0.4%    |    | 4,930     | 6,151.6%      |
|                      | 6/30/1998 |    | 832       |    | 308,564   |    | 307,732   | 0.3%    |    | 5,466     | 5,629.9%      |
|                      | 6/30/1997 |    | 587       |    | 304,758   |    | 304,171   | 0.2%    |    | 5,716     | 5,321.4%      |
|                      |           |    |           |    |           |    |           |         |    | Active    | ++Cost per    |
|                      |           |    |           |    |           |    |           |         |    | Members A | Active Member |
| Volunteer Firemen's  | 6/30/2002 | \$ | 9,333     | \$ | 14,940    | \$ | 5,607     | 62.5%   |    | 4,856     | \$ 1,155      |
|                      | 6/30/2001 |    | 9,022     |    | 13,837    |    | 4,815     | 65.2%   |    | 4,769     | 1,010         |
|                      | 6/30/2000 |    | 8,412     |    | 13,703    |    | 5,291     | 61.4%   |    | 4,579     | 1,155         |
|                      | 6/30/1999 |    | 7,447     |    | 13,077    |    | 5,630     | 56.9%   |    | 4,706     | 1,196         |
|                      | 6/30/1998 |    | 6,637     |    | 12,491    |    | 5,854     | 53.1%   |    | 4,651     | 1,259         |
|                      | 6/30/1997 |    | 5,775     |    | 12,011    |    | 6,236     | 48.1%   |    | 4,621     | 1,349         |

+ The Closed State Police Pension Plan is a pay-as-you-go pension plan.

++ Not expressed in thousands.

# **<u>Schedule 2</u>** -- Schedule of Employer Contributions

(Dollar values expressed in thousands)

|   | <b>Fiscal Year</b> | Annual | Required  | Percentage  |
|---|--------------------|--------|-----------|-------------|
| Plan                                    | Ended              | Cont   | ributions | Contributed |
| State Employees'*                       | 6/30/2002          | \$     | 18,148    | 100.0%      |
|   | 6/30/2001          |        | 20,542    | 100.0%      |
|   | 6/30/2000          |        | 43,433    | 100.0%      |
|   | 6/30/1999          |        | 52,338    | 100.0%      |
|   | 6/30/1998          |        | 57,049    | 100.0%      |
|   | 6/30/1997          |        | 58,525    | 100.0%      |
| Special                                 | 6/30/2002          | \$     | -         |             |
|   | 6/30/2001          |        | -         |             |
|   | 6/30/2000          |        | -         |             |
|   | 6/30/1999          |        | -         |             |
|   | 6/30/1998          |        | -         |             |
|   | 6/30/1997          |        | -         |             |
| New State Police*                       | 6/30/2002          | \$     | 2,476     | 100.0%      |
|   | 6/30/2001          |        | 2,480     | 100.0%      |
|   | 6/30/2000          |        | 2,585     | 100.0%      |
|   | 6/30/1999          |        | 2,624     | 100.0%      |
|   | 6/30/1998          |        | 2,546     | 100.0%      |
|   | 6/30/1997          |        | 1,913     | 100.0%      |
| Judiciary*                              | 6/30/2002          | \$     | 1,399     | 100.0%      |
|   | 6/30/2001          |        | 1,333     | 100.0%      |
|   | 6/30/2000          |        | 1,666     | 100.0%      |
|   | 6/30/1999          |        | 1,327     | 100.0%      |
|   | 6/30/1998          |        | 1,273     | 100.0%      |
|   | 6/30/1997          |        | 1,199     | 100.0%      |
| County & Municipal Police/Firefighters' | 6/30/2002          | \$     | 2,779     | 100.0%      |
|   | 6/30/2001          |        | 2,664     | 100.0%      |
|   | 6/30/2000          |        | 2,771     | 100.0%      |
|   | 6/30/1999          |        | 2,025     | 100.0%      |
|   | 6/30/1998          |        | 1,651     | 100.0%      |
|   | 6/30/1997          |        | 1,388     | 100.0%      |



# **<u>Schedule 2</u>** -- Schedule of Employer Contributions

(Dollar values expressed in thousands)

|                                | <b>Fiscal Year</b> | Annual | Required   | Percentage  |
|--------------------------------|--------------------|--------|------------|-------------|
| lan                            | Ended              | Cont   | tributions | Contributed |
| County & Municipal             | 6/30/2002          | \$     | 92         | 100.0%      |
| Other Employees'               | 6/30/2001          |        | 165        | 100.0%      |
|                                | 6/30/2000          |        | 352        | 100.0%      |
|                                | 6/30/1999          |        | 158        | 100.0%      |
|                                | 6/30/1998          |        | 82         | 100.0%      |
|                                | 6/30/1997          |        | 116        | 100.0%      |
| Volunteer Firemen's            | 6/30/2002          | \$     | 586        | 100.0%      |
|                                | 6/30/2001          |        | 618        | 100.0%      |
|                                | 6/30/2000          |        | 645        | 100.0%      |
|                                | 6/30/1999          |        | 660        | 100.0%      |
|                                | 6/30/1998          |        | 689        | 100.0%      |
|                                | 6/30/1997          |        | 721        | 100.0%      |
| Diamond State Port Corporation | 6/30/2002          | \$     | 341        | 100.0%      |
|                                | 6/30/2001          |        | 386        | 100.0%      |
|                                | 6/30/2000          |        | 389        | 100.0%      |
|                                | 6/30/1999          |        | 407        | 100.0%      |
|                                | 6/30/1998          |        | 384        | 100.0%      |
|                                | 6/30/1997          |        | 189        | 100.0%      |
| Closed State Police            | 6/30/2002          | \$     | 27,831     | 64.0%       |
|                                | 6/30/2001          |        | 27,709     | 62.0%       |
|                                | 6/30/2000          |        | 28,208     | 57.5%       |
|                                | 6/30/1999          |        | 28,716     | 54.5%       |
|                                | 6/30/1998          |        | 28,420     | 53.0%       |
|                                | 6/30/1997          |        | 27,638     | 52.5%       |

\* Totals do not include Post-Retirement Increase Fund Contributions.



DPERS 31st Comprehensive Annual Financial Report

# **Schedule 3 -- Notes to Trend Data**

The information presented in the required supplementary schedules was determined as part of the actuarial valuation at the dates indicated. Additional information as of the last actuarial valuation follows:

|  |   | New   |  | Closed   |
|--|---|---|--|--|
| State  |   | State   |  | State  |
| <b>Employees</b> '   | Special   | Police  | Judiciary  | Police   |
| 6/30/2002  | 6/30/2002   | 6/30/2002   | 6/30/2002  | 6/30/2002  |
| Entry Age<br>Normal  | N/A   | Entry Age<br>Normal   | Entry Age<br>Normal  | Entry Age<br>Normal  |
| Level Percent Closed<br>for Plan Bases and<br>Open for Aggregate | N/Δ   | Level Percent   | Level Percent  | Level Percent<br>Closed  |
|  |   |   |  | 34 years   |
| 5-year<br>Smoothed<br>Market                                     | 5-year<br>Smoothed<br>Market  | 5-year<br>Smoothed<br>Market  | 5-year<br>Smoothed<br>Market   | 5-year<br>Smoothed<br>Market   |
|  |   |   |  |  |
| 8.5%   | 8.5%  | 8.5%  | 8.5%   | 8.5%   |
| 6.00% - 9.89%  | N/A   | 7.0%  | 5.5%   | 7.0%   |
| Ad hoc   | Ad hoc  | Ad hoc  | Ad hoc   | Based on CPI   |
|  | Employees'<br>6/30/2002<br>Entry Age<br>Normal<br>Level Percent Closed<br>for Plan Bases and<br>Open for Aggregate<br>Gain/Loss<br>13.95 years<br>5-year<br>Smoothed<br>Market<br>8.5%<br>6.00% - 9.89% | Employees'       Special         6/30/2002       6/30/2002         Entry Age       N/A         Level Percent Closed       N/A         for Plan Bases and       Open for Aggregate         Gain/Loss       N/A         13.95 years       N/A         Smoothed       Smoothed         Market       Market         8.5%       8.5%         6.00% - 9.89%       N/A | StateStateEmployees'SpecialPolice6/30/20026/30/20026/30/20026/30/20026/30/20026/30/20026/30/20026/30/20026/30/2002Entry Age<br>NormalEntry Age<br>NormalLevel Percent Closed<br>for Plan Bases and<br>Open for AggregateLevel Percent<br>ClosedOpen for AggregateN/AClosed13.95 yearsN/A18 years5-year5-year5-yearSmoothed<br>MarketSmoothed<br>MarketSmoothed<br>Market8.5%8.5%8.5%6.00% - 9.89%N/A7.0% | StateStateEmployees'SpecialPoliceJudiciary6/30/20026/30/20026/30/20026/30/20026/30/20026/30/20026/30/20026/30/2002Entry Age<br>NormalEntry Age<br>NormalEntry Age<br>NormalLevel Percent Closed<br>for Plan Bases and<br>Open for Aggregate<br>Gain/LossLevel Percent<br>ClosedLevel Percent<br>Closed13.95 yearsN/A18 years19 years5-year5-year<br>Smoothed<br>MarketSmoothed<br>MarketSmoothed<br>Market8.5%8.5%8.5%8.5%6.00% - 9.89%N/A7.0%5.5% |

|                               | County &                     | County &                     |                              | Diamond                      |
|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
|                               | Municipal                    | Municipal                    | Volunteer                    | State Port                   |
| Plan                          | <b>Police/Firefighters</b>   | <b>Other Employees'</b>      | Firemen's                    | Corporation                  |
| Valuation Date                | 6/30/2002                    | 6/30/2002                    | 6/30/2002                    | 6/30/2002                    |
| Actuarial Cost Method         | Entry Age<br>Normal **       | Entry Age<br>Normal **       | Entry Age<br>Normal          | Entry Age<br>Normal          |
| Amortization Method           | Level Percent<br>Open        | Level Percent<br>Open        | Level Dollar<br>Closed       | Level Percent<br>Closed      |
| Remaining Amortization Period | 10 years                     | 10 years                     | 25 years                     | 20 years                     |
| Asset Valuation Method        | 5-year<br>Smoothed<br>Market | 5-year<br>Smoothed<br>Market | 5-year<br>Smoothed<br>Market | 5-year<br>Smoothed<br>Market |
| Actuarial Assumptions:        |                              |                              |                              |                              |
| Investment rate of return     | 8.5%                         | 8.5%                         | 8.5%                         | 8.5%                         |
| Projected Salary Increases*   | 7.0%                         | 7.0%                         | N/A                          | 5.0%                         |
| COst-of-living adjustments    | Ad hoc                       | Ad hoc                       | Ad hoc                       | Ad hoc                       |

\* Projected Salary Increases include an inflation component of 5% for all plans. A more detailed discussion of projected salary increases may be found on page 71.

\*\* Actuarial Cost Method changed to Entry Age Normal from Frozen Initial Liability effective June 30, 2002.

# Supporting Schedules

DELAWARE PUBLIC EMPLOYEES' RETIREMENT SYSTEM

- a component unit of the State of Delaware

# **<u>Schedule 4</u>** -- Schedule of Administrative Expenses

(Dollar values expressed in thousands)

|   |          |         |          |           |          | Chang    | ge       |
|---|----------|---------|----------|-----------|----------|----------|----------|
|   | Fisca    | al 2002 | Fisc     | al 2001   | ]        | Dollars  | Percen   |
| Personal Services                           |          |         |          |           |          |          |          |
| Staff Salaries                              | \$       | 2,004   | \$       | 1,917     | \$       | 87       | 4.5%     |
| Fringe Benefits                             |          | 621     |          | 531       |          | 90       | 16.9%    |
| Total Personal Services:                    | \$       | 2,625   | \$       | 2,448     | \$       | 177      | 7.2%     |
| Professional Services                       |          |         |          |           |          |          |          |
| Actuarial                                   | \$       | 136     | \$       | 118       | \$       | 18       | 15.3%    |
| Audit                                       |          | 56      |          | 58        |          | (2)      | (3.5%)   |
| Medical Services                            |          | 20      |          | 11        |          | 9        | 81.8%    |
| State Agency Support Services               |          | 24      |          | 24        |          | -        | 0.0%     |
| Other Professional Services                 |          | 1       |          | 1         |          | _        | 0.0%     |
| Total Professional Services:                | \$       | 237     | \$       | 212       | \$       | 25       | 11.8%    |
| Communication                               |          |         |          |           |          |          |          |
| Printing                                    | \$       | 73      | \$       | 40        | \$       | 33       | 82.5%    |
| Telephone                                   |          | 44      |          | 31        |          | 13       | 41.9%    |
| Postage                                     |          | 113     |          | 128       |          | (15)     | (11.7%   |
| Travel                                      |          | 15      |          | 34        |          | (19)     | (55.9%)  |
| Other Communications                        |          | 17      |          | 25        |          | (8)      | (32.0%)  |
| Total Communications:                       | Ş        | 262     | \$       | 258       | \$       | 4        | 1.6%     |
| Data Processing                             |          |         |          |           |          |          |          |
| Contractual Services                        | Ş        | 195     | \$       | 359       | \$       | (164)    | (45.7%   |
| Training                                    |          | 6       |          | 15        |          | (9)      | (60.0%   |
| Maintenance                                 |          | 258     |          | 190       |          | 68       | 35.8%    |
| Equipment - Hardware                        |          | 43      |          | 41        |          | 2        | 4.9%     |
| Equipment - Software                        |          | 43<br>6 |          | 21        |          | (15)     | (71.4%)  |
| Total Data Processing:                      | Ş        | 508     | S        | 626       | Ş        | (118)    | (18.8%)  |
| Rentals                                     | Ŷ        | 500     | Ų        | 020       | Ų        | (110)    | (10.070  |
| Equipment Leasing                           | Ş        | 7       | \$       | 3         | Ş        | 4        | 133.3%   |
| Fleet Services                              | Ŷ        | 5       | Ų        | 6         | Ŷ        | ч<br>(1) | (16.7%)  |
| Office Space                                |          | 437     |          | 24        |          | 413      | 1720.8%  |
| Total Rentals:                              | \$       | 437     | \$       | 33        | \$       | 415      | 1260.6%  |
| Miscellaneous                               | Ş        | 449     | Ş        |           | Ş        | 410      | 1200.07  |
| Supplies and Equipment                      | S        | 31      | \$       | 20        | Ş        | 11       | 55.0%    |
| Maintenance                                 |          | 3       |          | 3         |          | _        | 0.0%     |
| Continuing Education                        |          | 2       |          | 5         |          | (3)      | (60.0%   |
| Temporary Employment Services               |          | 13      |          | 15        |          | (2)      | (13.3%   |
| Other Miscellaneous                         |          | 4       |          | 3         |          | 1        | 33.3%    |
| Total Miscellaneous:                        | \$       | 53      | \$       | 46        | \$       | 7        | 15.2%    |
| General Administrative Expenses:            | \$       | 4,134   | \$       | 3,623     | \$       | 511      | 14.1%    |
| PRIDE Project Administrative Expenses:      | \$       | -,      | \$       | 379       | \$       | (379)    | (100.0%) |
| eCRIS Project Administrative Expenses:      | \$       | 478     | \$       | -         | \$       | 478      | 100.0%   |
| Relocation Project Administrative Expenses: | \$       | 22      | \$       | 925       | \$       | (903)    | (97.6%)  |
| Special Retiree Health Liability Study:     | <u> </u> | 66      | <u> </u> | 925<br>45 | <u> </u> | (45)     | (100.0%) |
| Total Administrative Expenses:              | <u> </u> | 4,634   | \$       | 4,972     | <u> </u> | (338)    | (100.0%) |

**DPERS 31**st Comprehensive Annual Financial Report

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# **Schedule 5** -- Schedule of Investment Expenses

(Dollar values expressed in thousands)

|      |                |               |                            |   | Change   | e   |
|------|----------------|---------------|----------------------------|---|--|---|
| Fisc | al 2002        | Fis           | cal 2001                   |   | Dollars  | Percent   |
| \$   | 501            | \$            | 499                        | \$  | 2  | 0.4%  |
|      | 12,899         |               | 15,536                     |   | (2,637)  | (17.0%)   |
|      | 232            |               | 206                        |   | 26   | 12.6%   |
| \$   | 13,632         | \$            | 16,241                     | \$  | (2,609)  | (16.1%)   |
|      | Fisc<br>S<br>S | 12,899<br>232 | \$ 501 \$<br>12,899<br>232 | \$       501       \$       499         12,899       15,536         232       206 | \$       501       \$       499       \$         12,899       15,536       232       206 | \$       501       \$       499       \$       2         12,899       15,536       (2,637)         232       206       26 |



DPERS 31st Comprehensive Annual Financial Report

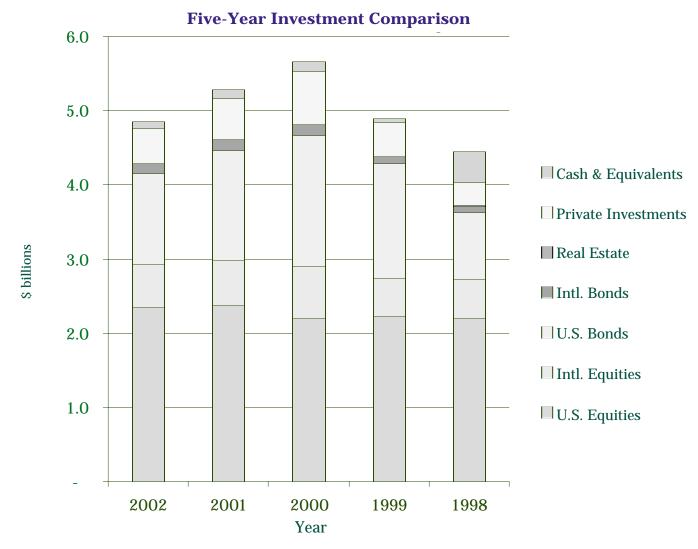
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# Investment Section

DELAWARE PUBLIC EMPLOYEES' RETIREMENT SYSTEM

- a component unit of the State of Delaware

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| (expressed in millions) | xpressed in millions) Fiscal Years ending June 30, |            |            |            |            |  |  |  |  |  |  |
|-------------------------|--|------------|------------|------------|------------|--|--|--|--|--|--|
|                         | 2002   | 2001       | 2000       | 1999       | 1998       |  |  |  |  |  |  |
| U.S. Equities           | \$ 2,340.5   | \$ 2,371.0 | \$ 2,197.6 | \$ 2,248.2 | \$ 2,199.3 |  |  |  |  |  |  |
| Intl. Equities          | 577.1  | 607.3      | 702.3      | 519.2      | 520.9      |  |  |  |  |  |  |
| U.S. Bonds              | 1,234.8  | 1,483.8    | 1,761.4    | 1,572.3    | 912.7      |  |  |  |  |  |  |
| Intl. Bonds             | 132.1  | 147.8      | 152.9      | 102.9      | 71.2       |  |  |  |  |  |  |
| Real Estate             | 0.0  | _*         | _*         | 4.9        | 13.4       |  |  |  |  |  |  |
| Private Investments     | 480.9  | 549.2      | 708.0      | 391.8      | 316.1      |  |  |  |  |  |  |
| Cash & Equivalents      | 92.3   | 121.5      | 141.6      | 58.8       | 418.5      |  |  |  |  |  |  |
| Totals                  | \$ 4,857.7   | \$ 5,280.6 | \$ 5,663.8 | \$ 4,898.1 | \$ 4,452.1 |  |  |  |  |  |  |

\*less than 0.1% under management. Other real estate holdings in the form of Real Estate Investment Trusts are included in equities.

Note: For these asset classifications, the Pooled Equity and Fixed Income Accounts are included in their respective equity and fixed income asset classes; and, therefore, are different from the categories used in the financial section on pages 24-25.

# DPERS 31st Comprehensive Annual Financial Report



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When Calling Long Distance Toll Free Number 1-800-722-7300 E-Mail: pensionoffice@state.de.us Telephone (302) 739-4208 Fax (302) 739-6129 www.delawarepensions.com

August 20, 2002

Dear Board Members, Participants, and Beneficiaries:

The Board of Pension Trustees Investment Committee (Committee) oversees the investment of the retirement funds of the Delaware Public Employees' Retirement System (System). The Committee's investment oversight includes the nine retirement plans [State Employees', Special, New State Police, Judiciary, County & Municipal Police/Firefighters', County & Municipal Other Employees', Volunteer Firemen's, Diamond State Port Corporation, and Closed State Police] that the Board of Pension Trustees (Board) administers and the four commingled pension funds [County & Municipal Police/Firefighters' COLA, Post-Retirement Increase (PRI), Delaware Local Government Retirement Investment Pool (DELRIP), and State Employees' Post-Retirement Health Insurance Premium] that the Board manages.

The Committee consists of six members appointed by the Board. The Committee operates within the following investment objectives established by the Board:

- · To realize a real return of 3% per year over long periods.
- · To control portfolio risk so as to limit downside price fluctuation of the total System.
- $\cdot$  To realize as high a rate of total return as possible consistent with all of the above.

Investment decisions are further dictated by the Board's internal investment policy which requires a minimum of 20 - 25% of the total assets of the System to be invested in fixed income investments, such as bonds, cash equivalents, and certain real estate investments. The Committee monitors this policy with the assistance of the Investment Advisor. Also, the Committee reviews prospective risk levels and rates of return of all classes of assets. Hence, the Committee assures investment diversification by



Board Members, Participants, and Beneficiaries Page 2 August 20, 2002

selecting managers whose demonstrated performance reflects different management styles and asset class expertise. Most importantly, the Committee closely monitors the performance of all investment managers, not only in relation to specific absolute objectives, but also in relation to other fund managers following the same investment objectives.

The System returned (6.3%) for fiscal year 2002. The total System's annualized rate of return over the last five, ten, and fifteen years was 6.4%, 10.6%, and 10.0%, respectively. As reported by a major performance ranking comparison service, the System's investment performance ranks slightly below the median for this fiscal year and in the top decile of public funds for the five and ten year periods. For the period ending June 30, 2002, the System market value totaled \$4.9 billion representing a decrease in assets of \$422.9 million.

The investment climate during this fiscal year was unusually difficult. The events of September 11 had a negative impact on stock markets around the world. In the following months, the threat of further attacks and the continued impact of a slowing U.S. economy made investors cautious. In recent months, signs of an economic recovery have been overshadowed by evidence of corporate malfeasance by companies, such as Enron and WorldCom. Although the System was affected by the general market impact, estimated losses incurred by directly held assets in these two companies were \$5,755,000, representing approximately 0.1% of total fund assets. Reflecting these conditions, the S&P 500 stock market index declined 18.0% during the fiscal year.

While the System was impacted by all of these events, as evidenced by the disappointing (6.3%) return for the System, the continuing and consistent emphasis on diversification and risk control resulted in a System return that was significantly better than the (18.0%) return of the U.S. stock market.

On behalf of our Trustees, we thank our dedicated professional staff at the Office of Pensions, our investment advisor, and our money managers, who all work diligently to assure the successful operation of the Board of Pension Trustees Investment Committee.

Respectfully submitted,

Elin B. Ferrari

Elva B. Ferrari, Chair Board of Pension Trustees Investment Committee

#### **Investment Activity**

The bond markets performed well, but the U.S. stock markets continued to be weak during the fiscal year ending June 30, 2002. For the fiscal year, the S&P 500 stock index returned (18.0%) while the Lehman Aggregate bond index returned 8.2%.

For the fiscal year, the Delaware Public Employees' Retirement System (System) had a (6.3%) rate of return. This performance ranks the System slightly below the median of public funds for this fiscal year and in the top decile of public funds for the five and ten year periods.

Return data for the total System was calculated on a time-weighted basis in accordance with the standards of the Association for Investment Management & Research (AIMR). Valuations, where available, are based on published national securities exchanges prices.

#### **Investment Philosophy and Objectives**

In the investment of public funds, adequate funding of employee pensions is a paramount concern. Excessive risk taking could jeopardize that funding. An appropriate balance must be struck between risks taken and returns sought to ensure the long-term health and affordability of the plans involved. For over 20 years, the System has been managed to control the extent of downside risk to which assets are exposed while maximizing the potential for long-term gain.

Specific investment objectives are:

- To realize a real return (System return less CPI) of 3% per year over long periods (about 15 years).
- To control portfolio risk so as to limit downside price fluctuation of the total System in any 12-month period.
- To realize as high a rate of total return as possible, consistent with all of the above.

To achieve these objectives, these investment policies are employed:

- Allocate a minimum of 20% 25% of assets to fixed income investments such as bonds, cash equivalents, and certain real estate investments.
- Maintain a widely diversified portfolio, so as to minimize the risk of overexposure to any one market sector or investment style.
- Closely monitor the performance of all investment managers against specific absolute objectives and in relation to other managers following the same investment objectives.

#### **Investment Process**

While the objectives and policies have been repeatedly reaffirmed, the implementation process undergoes continuous evolution. The increasing volume of investment information and the complexities of the global marketplace necessitate the ongoing development and use of advanced information systems. Computer technology is now used as a tool in every aspect of investment management, from asset allocation decisions to manager selection and performance measurement.

# **General Management**

During each year, the Committee with Board of Pension Trustees (Board) oversight carries out a number of general management practices to assure that the appropriate policies, controls, and resources are in place. Areas that are reviewed at least annually include:

- Investment objectives and policies based on an analysis of cash flow and liabilities.
- Management tools for decision making.
- Long-term risk and return levels for various investment options.
- Manager organizations, performance, transaction costs, fees and expenses, proxy voting procedures, and adherence to investment philosophy.
- System performance versus externally measured universes of similar funds.
- Internal and external audits.
- Contacts with other leading state investment funds to compare management practices.
- Policy objectives and performance of the Private Program (including venture capital, limited partnerships, and private convertible bonds).

### **Investment Results**

In Fiscal 2002, the investment process experienced:

- A time-weighted total return of (6.3%) based on market values.
- Benefit and expense payments exceeded net employer and member contributions by \$109.1 million.
- Net interest and dividend income of \$134.9 million.
- Net decrease in fair value of \$448.4 million.
- Decrease in total Fund assets from \$5.3 billion to \$4.9 billion.
- Overall volatility well below that of an all common stock portfolio.

The System is invested for long-term results and each single year's returns must be viewed in relation to longer periods.

|                            | Fiscal Years Ending June 30, |        |       |       |       | Five<br>Years<br>Ending | Ten<br>Years<br>Ending | Fifteen<br>Years<br>Ending |
|----------------------------|------------------------------|--------|-------|-------|-------|-------------------------|------------------------|----------------------------|
|                            | 2002                         | 2001   | 2000  | 1999  | 1998  | 6/30/02*                | 6/30/02*               | 6/30/02*                   |
| Total System Return        | (6.3%)                       | (5.1%) | 16.8% | 11.1% | 18.0% | 6.4%                    | 10.6%                  | 10.0%                      |
| Consumer Price Index (CPI) | 1.0%                         | 3.3%   | 3.7%  | 2.0%  | 1.7%  | 2.3%                    | 2.5%                   | 3.1%                       |
| System Real Return         | (7.3%)                       | (8.4%) | 13.1% | 9.1%  | 16.3% | 4.1%                    | 8.1%                   | 6.9%                       |

\*(All returns Greater Than One Year Are Annualized)

Chart I on page 58 summarizes the cash flows and total System returns for each of the last five fiscal years and the cumulative results for 5-year and 10-year periods ending June 30, 2002.

Chart II on page 58 summarizes the total System and asset class segment returns for each of the last five fiscal years and the annualized returns for the 3-year and 5-year periods ending June 30, 2002.

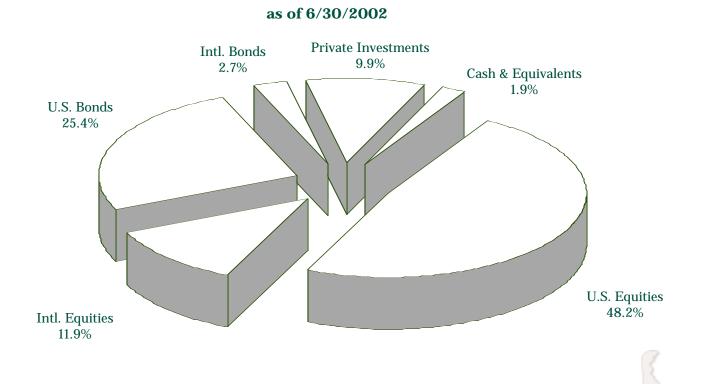


Charts III and IV on page 59 show the quarterly cumulative total System performance for the 5-year and 10-year periods ending June 30, 2002 compared to indices representative of some of the asset classes in which the System invests.

One investment objective is to achieve an annualized rate of total return over any 15-year period that is at least 3 percentage points greater than inflation. The most recent 15-year result is a real rate of return of 6.9% (10.0% System return less 3.1% CPI) measured on a time-weighted basis. During this period, risk as measured by relative volatility, was approximately 51% of the level that would have been experienced by a fund invested 100% in the S&P 500. The real rate of return from such a 100% stock portfolio would have been 7.8% (10.9% S&P 500 less 3.1% CPI). These are not typical real rates of return and should not be expected going forward. The last 15 years encompassed periods of exceptional returns in both the bond and stock markets which are unlikely to be repeated.

|                                   | Periods Ending June 30, 2002                       |           |               |  |  |  |  |
|-----------------------------------|--|-----------|---------------|--|--|--|--|
|                                   | (All Returns Greater Than One Year Are Annualized) |           |               |  |  |  |  |
|                                   | Five Years   | Ten Years | Fifteen Years |  |  |  |  |
| Total System Return               | 6.4%   | 10.6%     | 10.0%         |  |  |  |  |
| S&P Index % Return                | 3.7%   | 11.4%     | 10.9%         |  |  |  |  |
| Relative Return vs. S&P 500 Index | 172.6%   | 92.9%     | 92.3%         |  |  |  |  |
| Relative Risk vs. S&P 500 Index   | 53.6%  | 55.1%     | 50.8%         |  |  |  |  |

**Asset Allocation** 



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#### **Asset Allocation**

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To achieve investment objectives, monies are deployed in diverse asset classes offering the risk and return characteristics desired. The following chart illustrates the diversification of assets at the end of the fiscal year. The accompanying table shows the five-year history and trends in asset allocation. For these asset classifications, the Pooled Equity and Fixed Income Accounts are included in their respective equity and fixed income asset classes; and, therefore, are different from the asset classes used in the financial section on pages 24-25.

|                     | Fiscal Years Ending June 30, |       |       |       |       |  |  |
|---------------------|------------------------------|-------|-------|-------|-------|--|--|
|                     | 2002                         | 2001  | 2000  | 1999  | 1998  |  |  |
| U.S. Equities       | 48.2%                        | 44.9% | 38.8% | 45.3% | 49.4% |  |  |
| Intl. Equities      | 11.9%                        | 11.5% | 12.4% | 10.5% | 11.7% |  |  |
| U.S. Bonds          | 25.4%                        | 28.1% | 31.1% | 31.6% | 20.5% |  |  |
| Intl. Bonds         | 2.7%                         | 2.8%  | 2.7%  | 2.1%  | 1.6%  |  |  |
| Real Estate         | -                            | _*    | _*    | 0.1%  | 0.3%  |  |  |
| Private Investments | 9.9%                         | 10.4% | 12.5% | 9.2%  | 7.1%  |  |  |
| Cash & Equivalents  | 1.9%                         | 2.3%  | 2.5%  | 1.2%  | 9.4%  |  |  |

\*less than 0.1% under management. Other real estate holdings in the form of Real Estate Investment Trusts are included in equities.

Individual investment managers are selected for each asset class based on a rigorous set of performance and organizational criteria. In addition to a proven track record of managing a given class of assets, they must have a clearly stated and consistently applied investment policy and decision making process, continuity of personnel, and a well-defined plan for retaining key personnel and controlling growth.

All investment managers are expected to meet and maintain a number of organizational criteria in order to continue as managers. One manager was terminated during the fiscal year, four managers were hired, two venture capital funds reached their scheduled termination dates and distributed assets, the responsibilities of two managers were reduced, and an existing manager was given additional responsibilities in the area of private investments. At the end of the fiscal year, the money managers of the System and their responsibilities were:

| Investment Manager<br><u>U.S Equities</u>                 | Responsibility                       | Calendar Year Retained |
|---|--------------------------------------|------------------------|
| Alliance Capital Management                               | Equities                             | 2001                   |
| Armstrong Shaw  | Equities                             | 2002                   |
| Barclays Global Investors                                 | Equities                             | 1977                   |
| Fidelity Management Trust Co.                             | Real Estate Investment Trusts        | 1995                   |
| Froley, Revy Investment Co.                               | Convertible Securities               | 1984                   |
| Granahan Investment Management                            |                                      | 2002                   |
| Lincoln Capital Management                                | Equities                             | 1978                   |
| Mellon Capital Management                                 | Equities                             | 1984                   |
| Oaktree Capital Management                                | Convertible Securities               | 1995                   |
| T. Rowe Price Associates                                  | Equities                             | 1933                   |
| Trinity Investment Management                             | Equities                             | 1971                   |
| Thinty investment Management                              | Equities                             | 1902                   |
| International Equities                                    |                                      |                        |
| Jarislowsky Fraser  | International Equities               | 2002                   |
| Mellon Capital Management                                 | International Equities               | 1996                   |
| Oaktree Capital Management                                | International Convertible Securities | 1995                   |
| <u>U.S. Bonds</u>   |                                      |                        |
| Lincoln Capital Management                                | Fixed Income                         | 1995                   |
| Mellon Capital Management                                 | Fixed Income                         | 1984                   |
| T. Rowe Price Associates                                  | Fixed Income                         | 1996                   |
| Loomis Sayles & Company LP                                | Fixed Income                         | 1998                   |
| Private Investments                                       |                                      |                        |
| Accel Partners  | Venture Capital                      | 1984                   |
| Advanced Technology Ventures                              | Venture Capital                      | 1990                   |
| Brentwood Associates                                      | Venture Capital                      | 1983                   |
| The Carlyle Group   | Private Equity                       | 1996                   |
| Cherry Tree Ventures                                      | Venture Capital                      | 1984                   |
| Coller Isnard Ltd.  | Venture Capital                      | 1994                   |
| MeriTech Capital Partners                                 | Venture Capital                      | 1999                   |
| Oaktree Capital Management                                | Distressed Debt                      | 1997                   |
| Oaktree Capital Management                                | Emerging Markets                     | 2000                   |
| One Liberty Ventures                                      | Venture Capital                      | 1982                   |
| ONSET Enterprise Associates                               | Venture Capital                      | 1989                   |
| Pecks Partners  | Private Equity                       | 1986                   |
| Spectra Enterprise Associates                             | Venture Capital                      | 1986                   |
| Summit Ventures   | Venture Capital                      | 1988                   |
| T. Rowe Price Recovery Fund                               | Distressed Debt                      | 1988                   |
| T. Rowe Price Threshold Funds                             | Venture Capital                      | 1984                   |
| Trident Management  | Venture Capital                      | 1999                   |
| TCW Asset Management                                      | Distressed Debt                      | 1990                   |
| Weston Presidio Capital                                   | Venture Capital                      | 1995                   |
| -   | *                                    |                        |
| <u>Cash &amp; Equivalents</u><br>T. Rowe Price Associates | Cash & Equivalents                   | 1983                   |
|   |                                      |                        |

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# Chart I Calculated Returns

*(Dollar values expressed in thousands) (All Returns for Periods Greater Than One Year Are Annualized)* 

|   |                              |         |         |         |         |         | Five Years    | Ten Years |
|---|------------------------------|---------|---------|---------|---------|---------|---------------|-----------|
|   | Fiscal Years Ending June 30, |         |         |         |         | Ending  | Ending        |           |
| -   |                              | 2002    | 2001    | 2000    | 1999    | 1998    | 6/30/02       | 6/30/02   |
| Beginning Market Value                        | \$                           | 5,280.6 | 5,663.8 | 4,898.1 | 4,452.1 | 3,793.3 | \$ 3,793.3 \$ | 6 2,011.4 |
| Net (Withdrawals)/Contributions               |                              | (109.1) | (96.1)  | (58.7)  | (43.6)  | (30.4)  | (337.9)       | (471.5)   |
| Net Investment Income                         |                              | 134.9   | 160.8   | 155.5   | 126.9   | 130.2   | 708.3         | 1,238.4   |
| Net (Decrease)/Increase in fair value         |                              | (448.4) | (447.9) | 668.9   | 362.7   | 559.0   | 694.3         | 2,079.7   |
| Ending Market Value                           | \$                           | 4,858.0 | 5,280.6 | 5,663.8 | 4,898.1 | 4,452.1 | \$ 4,858.0 \$ | 6 4,858.0 |
| Time-Weighted Total Return<br>on Market Value |                              | (6.3%)  | (5.1%)  | 16.8%   | 11.1%   | 18.0%   | 6.4%          | 10.6%     |
| Consumer Price Index                          |                              | 1.0%    | 3.3%    | 3.7%    | 2.0%    | 1.7%    | 4.1%          | 8.1%      |

# Chart II Investment Performance Summary

#### (All Returns for Periods Greater Than One Year Are Annualized)

|   |         |            |             |          |       | Three   | Five    |
|---|---------|------------|-------------|----------|-------|---------|---------|
|   |         |            |             |          |       | Years   | Years   |
| _   |         | Fiscal Yea | rs Ending J | June 30, |       | Ending  | Ending  |
|   | 2002    | 2001       | 2000        | 1999     | 1998  | 6/30/02 | 6/30/02 |
| (1) Total System                          | (6.3%)  | (5.1%)     | 16.8%       | 11.1%    | 18.0% | 1.3%    | 6.4%    |
| (2) Equity and Private Equity Segment**   | (9.7%)  | (8.7%)     | 33.6%       | 11.2%    | 16.0% | 3.3%    | 7.3%    |
| (3) Fixed Income and Cash Segment***      | 6.0%    | 8.5%       | 5.2%        | 6.1%     | 7.8%  | 6.6%    | 6.7%    |
| (4) Tactical Asset Allocation Segment**** | (7.3%)  | (6.2%)     | 7.0%        | 13.4%    | 27.0% | (2.4%)  | 6.0%    |
| Consumer Price Index*                     | 1.0%    | 3.3%       | 3.7%        | 2.0%     | 1.7%  | 2.7%    | 2.3%    |
| S&P 500 Index                             | (18.0%) | (14.8%)    | 7.4%        | 22.7%    | 30.2% | (9.1%)  | 3.7%    |
| Russell 3000 Index                        | (17.2%) | (13.9%)    | 9.6%        | 20.1%    | 28.8% | (7.9%)  | 3.8%    |
| MSCI EAFE Index                           | (9.5%)  | (23.6%)    | 17.2%       | 7.6%     | 6.1%  | (6.8%)  | (1.6%)  |
| Lehman Gov't Corp                         | 8.2%    | 11.1%      | 4.3%        | 2.7%     | 11.3% | 7.9%    | 7.5%    |
| 90-Day Treasury Bill                      | 2.2%    | 5.0%       | 5.5%        | 4.5%     | 5.1%  | 4.2%    | 4.4%    |
| 60/40 S&P/Lehman Gov't Corp Mix           | (7.4%)  | (4.8%)     | 6.5%        | 15.2%    | 22.5% | (2.1%)  | 5.8%    |
| 60/40 MSCI World/Salomon WGBI             | (4.0%)  | (13.5%)    | 8.7%        | 11.5%    | 12.1% | (3.4%)  | 2.4%    |

\* A benchmark for establishing the Total System return.

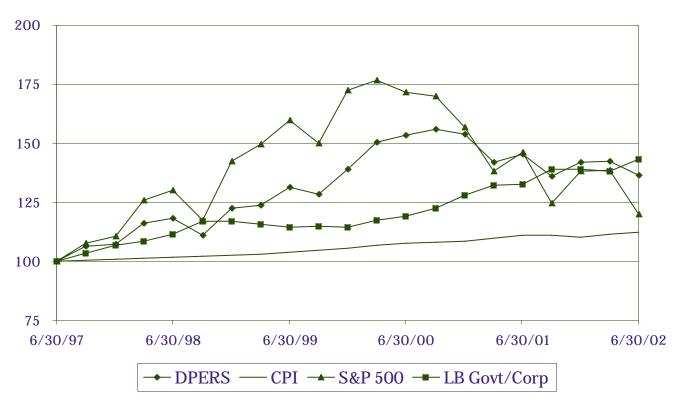
\*\* Includes convertible securities and private equity; excludes equity portion of tactical asset allocation portfolios.

\*\*\* Excludes fixed income and cash segments of tactical asset allocation portfolios.

\*\*\*\* Comprises investment accounts which tactically rebalance among stocks, bonds and cash (including foreign stocks, bonds and cash) to optimize the risk/return characteristics of the mix. The underlying assets in these accounts are generally passively invested in index vehicles.

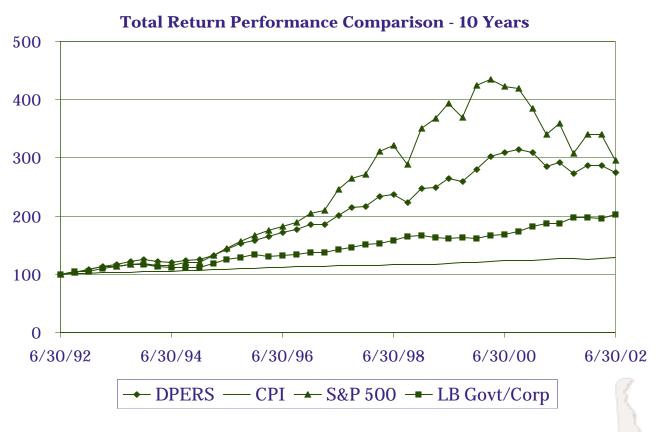


#### **Chart III**



**Total Return Performance Comparison - 5 Years** 

**Chart IV** 



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#### **Investment Summary**

(Dollar values expressed in thousands)

|                                       | <br>ket Value as of<br>June 30, 2002 | Percent of Total<br>Investment Assets | FY 2002<br>Tent Fees | Basis<br>Points |
|---------------------------------------|--------------------------------------|---------------------------------------|----------------------|-----------------|
| Equities                              |                                      |                                       | <br>                 |                 |
| U.S. Equities                         | \$<br>2,340,438                      | 48.2%                                 |                      |                 |
| Intl. Equities                        | 577,094                              | 11.9%                                 |                      |                 |
| Sub-Total                             | \$<br>2,917,532                      | 60.1%                                 | \$<br>8,367          |                 |
| <u>Fixed Income</u>                   |                                      |                                       |                      |                 |
| U.S. Bonds                            | \$<br>1,234,827                      | 25.4%                                 |                      |                 |
| Intl. Bonds                           | 132,129                              | 2.7%                                  |                      |                 |
| Sub-Total                             | \$<br>1,366,956                      | 28.1%                                 | \$<br>2,458          |                 |
| Other Asset Allocations               |                                      |                                       |                      |                 |
| Private Investments                   | \$<br>480,912                        | 9.9%                                  |                      |                 |
| Cash & Equivalents                    | 92,296                               | 1.9%                                  |                      |                 |
| Sub-Total                             | \$<br>573,208                        | 11.8%                                 | \$<br>1,024          |                 |
| Other Investment Services             |                                      |                                       |                      |                 |
| Custodian/Investment Advisor Fees     | \$<br>-                              | -                                     | \$<br>1,550          |                 |
| Pension Office Support Staff Expenses | <br>-                                |                                       | <br>232              |                 |
| Grand Totals                          | \$<br>4,857,696                      | 100.0%                                | \$<br>13,631         | 27 bp*          |

\* Other fees include Private Investment fees detailed on page 38. These fees have been excluded from the basis point calculation since they have already been netted from income. Basis point calculation is the weighted average based on the quarterly fund valuation.

# **Glossary of Terms Used**

## Fair Value (Market Value):

The value at which an investment could be sold in a transaction between a willing buyer and a willing seller. All assets with regularly traded markets are shown at the fair value as determined by the custodian bank based on quoted market values. All other assets are adjusted to market value monthly except real estate which is adjusted quarterly to appraised values, venture capital which is adjusted at least quarterly based on individual partnership procedures, and any private placement or partnership participation where values are supplied periodically by the respective management organizations in accordance with established procedures.

#### **<u>Time-Weighted Total Return:</u>**

The measure used for judging investment management of the System. It is based on market value and minimizes or eliminates any distortion in the rate of return caused by the timing of cash flows into or out of the System.

#### **Private Investments**

Private Investments include investments in Venture Capital, Private Equity, and certain Convertible Securities.



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# List of Largest Assets Directly Held\*

as of June 30, 2002 (excludes investments in pooled vehicles)

| Equities (Includes Convertibles) | Market Value   | % of Total Fund | Shares/Par (\$) |
|----------------------------------|----------------|-----------------|-----------------|
| APARTMENT INV & MGMT CO CL A     | \$ 16,895,280  | 0.35%           | 343,400 shares  |
| SUN COMMUNITIES INC              | 12,692,000     | 0.26%           | 304,000 shares  |
| GENERAL GROWTH PROPERTIES INC    | 12,428,700     | 0.26%           | 243,700 shares  |
| VORNADO REALTY TRUST             | 11,854,920     | 0.24%           | 256,600 shares  |
| EQUITY OFFICE PROPERTIES TRUST   | 10,395,155     | 0.21%           | 345,354 shares  |
| CITIGROUP INC                    | 10,330,750     | 0.21%           | 266,600 shares  |
| AMB PROPERTY CORP                | 9,938,600      | 0.21%           | 320,600 shares  |
| CENTERPOINT PROPERTIES TRUST     | 9,809,491      | 0.20%           | 169,100 shares  |
| AVALONBAY COMMUNITIES INC        | 8,807,620      | 0.18%           | 188,600 shares  |
| GENERAL ELECTRIC CO              | 8,497,125      | 0.18%           | 292,500 shares  |
| Total                            | \$ 111,649,641 | 2.30%           | -               |

| Fixed Income                                     | Market Value   | % of Total Fund | Par (\$)      |
|--|----------------|-----------------|---------------|
| UNITED STATES TREAS NTS 5.875%<br>11/15/04       | \$ 21,256,200  | 0.44%           | \$ 20,000,000 |
| FEDERAL HOME LN MTG CORP NT 7.00%<br>7/15/2005   | 16,425,000     | 0.34%           | \$ 15,000,000 |
| FEDERAL HOME LN BANK BND 5.375%<br>I/05/2004     | 10,936,900     | 0.21%           | \$ 10,000,000 |
| UNITED STATES TREAS NT/BND 5.875%<br>9/30/2002   | 10,106,300     | 0.21%           | \$ 10,000,000 |
| FEDERAL NATIONAL MTG ASSN NT 5.750%<br>4/15/2003 | 9,767,235      | 0.20%           | \$ 9,500,000  |
| JNITED STATES TREAS NTS 5/25%<br>J/15/2004       | 9,146,463      | 0.19%           | \$ 8,750,000  |
| JNITED STATES TREAS NTS 6.5%<br>/15/2005         | 8,212,791      | 0.17%           | \$ 7,565,000  |
| JNITED STATES TREAS NTS 5.75<br>/15/2003         | 7,800,000      | 0.16%           | \$ 7,500,000  |
| JNITED STATES TREAS NTS 7.0%<br>/15/2006         | 6,991,669      | 0.14%           | \$ 6,260,000  |
| OEWS CORP SUB NT CONV 3.125%<br>9/15/2007        | 6,893,870      | 0.14%           | \$ 7,850,000  |
| Total  | \$ 107,536,428 | 2.20%           |               |

\* A complete list of portfolio holdings is available for review upon request.

## **Schedule of Broker Commissions**

The System has no commission recapture, directed payment, or "soft dollar" arrangements; however, such arrangements may exist between brokers and investment managers. Increased broker commissions during this fiscal year are due to transactional costs associated with major manager changes during the period. During fiscal year 2002, the System received \$20,000 in unsolicited commission recapture. Broker selection is the responsibility of individual investment managers.

Appendix A (on page 62) is a schedule of commissions paid during fiscal 2002 which totaled over \$20,000. Appendix B (pages 63-65) is a complete schedule of all commissions paid during fiscal 2002.

#### Appendix - A Schedule of Broker Commissions Over \$20,000

The following is a list of brokers who received \$20,000 or more in commissions during Fiscal Year 2002.

|                              | # of       | Commission | Total Dollar     | Total        |
|------------------------------|------------|------------|------------------|--------------|
| Broker                       | Shares     | Per Share  | Amount of Trades | Commission   |
| LEHMAN BROTHERS INC          | 5,976,519  | \$0.05     | \$162,504,961.89 | \$269,248.90 |
| CS FIRST BOSTON CORPORATION  | 5,194,492  | \$0.05     | \$140,134,644.40 | \$244,483.74 |
| DEUTSCHE BANC ALEX BROWN INC | 10,893,282 | \$0.02     | \$222,464,883.71 | \$240,599.61 |
| INVESTMENT TECHNOLOGY GROUP  | 10,032,811 | \$0.02     | \$256,075,034.02 | \$200,493.34 |
| SALOMON SMITH BARNEY INC     | 3,778,740  | \$0.05     | \$103,363,997.77 | \$175,851.60 |
| B-TRADE SECURITIES LLC       | 8,165,142  | \$0.02     | \$126,324,746.53 | \$162,002.94 |
| BEAR STEARNS & CO INC        | 2,957,959  | \$0.05     | \$70,390,012.29  | \$136,380.42 |
| FIRST UNION CAPITAL MARKETS  | 2,034,200  | \$0.06     | \$64,974,981.23  | \$114,118.00 |
| MERRILL LYNCH PIER FEN SMITH | 1,942,324  | \$0.05     | \$62,162,238.92  | \$96,880.20  |
| LEGG MASON WOOD WALKER       | 1,706,316  | \$0.05     | \$42,146,783.43  | \$85,315.80  |
| GOLDMAN SACHS & CO           | 1,434,062  | \$0.05     | \$34,853,207.90  | \$73,400.60  |
| CIBC OPPENHEIMER CORP        | 1,363,633  | \$0.05     | \$30,086,996.06  | \$61,686.32  |
| AUTRANET INC                 | 1,540,800  | \$0.04     | \$35,866,388.71  | \$61,211.00  |
| MORGAN STANLEY & CO          | 1,249,947  | \$0.05     | \$21,437,252.90  | \$58,976.55  |
| SPEAR, LEEDS & KELLOGG       | 1,940,668  | \$0.03     | \$60,970,893.77  | \$50,364.80  |
| PRUDENTIAL SECURITIES        | 786,100    | \$0.05     | \$21,671,453.17  | \$39,471.00  |
| J. P. MORGAN SECURITIES INC  | 768,540    | \$0.05     | \$18,971,851.43  | \$38,566.00  |
| BANC/AMERICA SECURITIES LLC  | 779,313    | \$0.04     | \$14,212,334.78  | \$34,690.65  |
| JEFFERIES & CO INC           | 821,300    | \$0.04     | \$16,716,911.00  | \$33,667.00  |
| CANTOR FITZGERALD & CO       | 647,679    | \$0.05     | \$15,504,947.38  | \$32,765.95  |
| COWEN & COMPANY              | 623,310    | \$0.05     | \$11,757,018.30  | \$31,163.50  |
| CHARLES SCHWAB & CO          | 874,330    | \$0.03     | \$14,850,175.71  | \$27,805.90  |
| WARBURG DILLON READ INC      | 435,350    | \$0.05     | \$12,708,681.97  | \$22,566.50  |
| THOMAS WEISEL PARTNERS, LLC  | 436,000    | \$0.05     | \$7,092,197.15   | \$21,800.00  |
| RAYMOND JAMES & ASSOC        | 430,900    | \$0.05     | \$9,414,708.72   | \$21,422.60  |



# Appendix - B Broker Commission Summary for Fiscal Year 2002

|                                  | # of       | Commission | Total Dollar     | Total        |
|----------------------------------|------------|------------|------------------|--------------|
| Broker                           | Shares     | Per Share  | Amount of Trades | Commission   |
| ABEL NOSER CORPORATION           | 325,400    | \$0.01     | \$6,430,114.25   | \$4,822.70   |
| ABN AMRO SECURITIES LLC          | 167,000    | \$0.05     | \$3,792,300.01   | \$8,350.00   |
| ADAMS HARKNESS & HILL            | 144,100    | \$0.05     | \$2,451.462.32   | \$7,205.00   |
| ADVEST INC                       | 16,200     | \$0.05     | \$272,255.58     | \$810.00     |
| ARCHIPELAGO                      | 18,000     | \$0.01     | \$276,249.71     | \$180.00     |
| ARNHOLD & S. BLEICHROEDER INC    | 1,100      | \$0.05     | \$42,691.87      | \$55.00      |
| AUTRANET INC                     | 1,540,800  | \$0.04     | \$35,866,388.71  | \$61,211.00  |
| AVALON RESEARCH GROUP INC        | 900        | \$0.05     | \$41,303.75      | \$45.00      |
| B-TRADE SECURITIES LLC           | 8,165,142  | \$0.02     | \$126,324,746.53 | \$162,002.94 |
| BAIRD, ROBERT W                  | 290,200    | \$0.05     | \$7,958,508.45   | \$14,510.00  |
| BANC/AMERICA SECURITIES, LCC     | 779,313    | \$0.04     | \$14,212,334.78  | \$34,690.65  |
| BARING SECURITIES INC            | 48,400     | \$0.05     | \$1,190,827.10   | \$2,420.00   |
| BARRINGTON RESEARCH ASSOC        | 100        | \$0.05     | \$1,866.44       | \$5.00       |
| BEAR STEARNS & CO INC            | 2,957,959  | \$0.05     | \$70,390,012.29  | \$136,380.42 |
| BERNSTEIN SANFORD & CO INC       | 351,300    | \$0.05     | \$9,790,326.10   | \$17,565.00  |
| BLACK AND COMPANY                | 200        | \$0.05     | \$2,996.18       | \$10.00      |
| BLAIR, WILLIAM & CO              | 133,400    | \$0.05     | \$3,876,373.96   | \$6,670.00   |
| BMO NESBITT BURNS INC            | 4,900      | \$0.03     | \$77,905.10      | \$156.80     |
| BNY CLEARING SERVICES LLC        | 28,200     | \$0.05     | \$351,445.32     | \$1,410.00   |
| BRIDGE TRADING CO                | 190,975    | \$0.05     | \$4,622,929.33   | \$9,148.50   |
| BROADCORT CAPITAL CORP           | 2,800      | \$0.02     | \$19,591.70      | \$64.00      |
| BTN RESEARCH/EQUITY              | 14,600     | \$0.05     | \$993,047.44     | \$730.00     |
| BUCKINGHAM RESEARCH GROUP        | 8,000      | \$0.05     | \$903,840.00     | \$400.00     |
| BUNTING WARBURG INCORPORATED     | 7,300      | \$0.03     | \$54,832.49      | \$233.60     |
| CANTOR FITZGERALD & CO           | 647,679    | \$0.05     | \$15,504,947.38  | \$32,765.95  |
| CIBC OPPENHEIMER CORP            | 1,363,633  | \$0.05     | \$30,086,996.06  | \$61,686.32  |
| CIBC WOOD GUNDY/CIBC             | 26,500     | \$0.05     | \$200,278.74     | \$848.00     |
| CITATION GROUP, THE              | 107,500    | \$0.05     | \$2,421,939.82   | \$5,375.00   |
| CJS SECURITIES                   | 9,500      | \$0.05     | \$442,947.90     | \$475.00     |
| CLEARY, GULL, REILAND & MCDEVITT | 8,300      | \$0.05     | \$232,697.07     | \$415.00     |
| CORRESPONDENT SERVICES CORP      | 15,100     | \$0.04     | \$519,779.93     | \$655.00     |
| COWEN & COMPANY                  | 623,310    | \$0.05     | \$11,757,018.30  | \$31,165.50  |
| CREDIT SUISSE FIRST BOSTON CORP  | 5,194,492  | \$0.05     | \$140,134,644.40 | \$244,483.74 |
| CRUTTENDEN & COMPANY             | 6,200      | \$0.05     | \$176,111.00     | \$310.00     |
| DAIN RAUSCHER INCORPORATED       | 179,300    | \$0.05     | \$4,089,401.18   | \$8,965.00   |
| DAVIDSON, D.A. & COMPANY INC     | 11,800     | \$0.05     | \$246,940.11     | \$590.00     |
| DEUTSCHE BANC ALEX BROWN INC     | 10,893,282 | \$0.02     | \$222,464,883.71 | \$240,599.61 |
| DONALDSON LUFKIN & JENRETTE      | 102,700    | \$0.05     | \$2,844,649.41   | \$5,135.00   |
| DRESDNER SECURITIES (USA) INC    | 4,600      | \$0.05     | \$199,662.20     | \$230.00     |
| EDWARDS, A. G. & SONS INC        | 19,900     | \$0.05     | \$630,616.47     | \$995.00     |
| ERNST & CO                       | 6,500      | \$0.05     | \$259,977.86     | \$325.00     |
| ESI SECURITIES COMPANY           | 159,901    | \$0.05     | \$5,476,666.37   | \$7,995.07   |
| FACTSET DATA SYSTEMS/BCC CLR     | 5,200      | \$0.05     | \$210,173.54     | \$260.00     |

(continued on next page)



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## **INVESTMENT SECTION**

# Broker Commission Summary (continued)

| -                                       | # of       | Commission | Total Dollar     | Total        |
|---|------------|------------|------------------|--------------|
| Broker                                  | Shares     | Per Share  | Amount of Trades | Commission   |
| FAHNESTOCK & CO                         | 56,100     | \$0.05     | \$1,481,811.02   | \$2,805.00   |
| FIDELITY CAPITAL MARKETS                | 183,000    | \$0.05     | \$3,415,719.86   | \$9,150.00   |
| FIRST ALBANY CORP                       | 154,170    | \$0.05     | \$3,871,304.34   | \$7,708.50   |
| FIRST ANALYSIS SECURITIES CORP          | 200        | \$0.05     | \$2,997.03       | \$10.00      |
| FIRST TENNESSEE SEC CORP                | 61,800     | \$0.05     | \$1,961,428.26   | \$3,090.00   |
| FIRST UNION CAPITAL MARKETS             | 2,034,200  | \$0.06     | \$64,974,981.23  | \$114,118.00 |
| FOX-PITT, KELTON, INC                   | 37,000     | \$0.05     | \$2,018,727.34   | \$1,850.00   |
| FRIEDMAN BILLINGS & RAMSEY              | 72,300     | \$0.05     | \$2,371,885.25   | \$3,615.00   |
| GERARD KLAUER MATTISON & CO             | 114,500    | \$0.05     | \$5,058,425.71   | \$5,725.00   |
| GERSON LEHRMAN GROUP                    | 1,200      | \$0.05     | \$45,704.28      | \$60.00      |
| GLAZER, C. L. & COMPANY, INC            | 11,400     | \$0.05     | \$443,394.60     | \$570.00     |
| GOLDMAN SACHS & CO                      | 1,434,062  | \$0.05     | \$34,853,207.90  | \$73,400.60  |
| <b>GRIFFITH MCBURNEY &amp; PARTNERS</b> | 4,800      | \$0.03     | \$74,655.84      | \$153.60     |
| GRUNTAL & COMPANY INC                   | 140,960    | \$0.05     | \$2,546,817.73   | \$7,048.00   |
| HAMBRECHT, W. R. & COMPANY LLC          | 59,000     | \$0.05     | \$1,439,897.84   | \$2,950.00   |
| HENDERSON BROTHERS INC                  | 4,300      | \$0.05     | \$71,017.51      | \$215.00     |
| HIBERNIA SOUTHCOAST CAPITAL             | 94,100     | \$0.05     | \$1,851,008.14   | \$4,705.00   |
| HOWARD, WEIL, LABOUISSE, FRIEDRICH      | 40,400     | \$0.05     | \$837,636.58     | \$1,641.87   |
| HSBC SECURITIES, INC                    | 24,400     | \$0.03     | \$181,285.07     | \$780.80     |
| INSTINET                                | 376,380    | \$0.03     | \$7,751,590.84   | \$10,048.10  |
| INVESTEC ERNST & CO                     | 98,880     | \$0.04     | \$1,630,346.08   | \$3,908.00   |
| INVESTMENT TECHNOLOGY GROUP             | 10,032,811 | \$0.02     | \$256,075,034.02 | \$200,493.34 |
| ISI GROUP, INC. C/T BEAR STEARS         | 600        | \$0.05     | \$18,153.11      | \$30.00      |
| JANNEY MONTGOVERY SCOTT INC             | 188,995    | \$0.05     | \$3,927,816.52   | \$9,449.75   |
| JEFFERIES & CO INC                      | 821,300    | \$0.04     | \$16,716,911.00  | \$33,667.00  |
| JONES ASSOCIATED 4TH                    | 226,600    | \$0.03     | \$3,769,516.41   | \$7,348.00   |
| KAUFMAN BROTHERS                        | 100        | \$0.05     | \$5,117.69       | \$5.00       |
| KEEFE BRUYETTE & WOODS INC              | 102,300    | \$0.05     | \$3,275,325.59   | \$5,115.00   |
| KING, C. L. & ASSOCIATES                | 2,100      | \$0.05     | \$42,946.92      | \$105.00     |
| KNIGHT SEC BROADCORT CAP                | 600        | \$0.02     | \$268.19         | \$12.00      |
| LA BRANCHE FINANCIAL SERVICES           | 296,000    | \$0.04     | \$6,468,552.40   | \$13,172.00  |
| LAZARD FRERES & COMPANY                 | 94,200     | \$0.05     | \$1,974,562.09   | \$4,710.00   |
| LEERINK SWANN & COMPANY                 | 270,300    | \$0.05     | \$7,675,625.58   | \$13,515.00  |
| LEGG MASON WOOD WALKER                  | 1,706,316  | \$0.05     | \$42,146,783.43  | \$85,315.80  |
| LEHMAN BROTHERS INC                     | 5,976,519  | \$0.05     | \$162,504,961.89 | \$269,248.90 |
| LIQUIDNET INC                           | 77,500     | \$0.02     | \$1,670,013.05   | \$1,550.00   |
| LYNCH JONES & RYAN INC/JEFERIES         | 500        | \$0.05     | \$19,581.75      | \$25.00      |
| MCDONALD & COMPANY                      | 199,800    | \$0.05     | \$4,080,383.32   | \$9,990.00   |
| MERRILL LYNCH PIERCE FENNER SMITH       | 1,942,324  | \$0.05     | \$62,162,238.92  | \$96,880.20  |
| MONNESS, CRESPI, HARDT & CO INC         | 2,300      | \$0.05     | \$10,299.86      | \$115.00     |
| MORGAN, J. P. SECURITIES INC            | 768,540    | \$0.05     | \$18,971,851.43  | \$38,566.00  |
| MORGAN KEEGAN & CO INC                  | 91,300     | \$0.05     | \$4,158,644.65   | \$4,565.00   |
| MORGAN STANLEY & COMPANY                | 1,249,947  | \$0.05     | \$21,437,252.90  | \$58,976.55  |
| NATIONAL INVESTOR SERV CORP             | 60,000     | \$0.03     | \$592,906.11     | \$1,920.00   |
| NEEDHAM & COMPANY                       | 220,200    | \$0.05     | \$4,086,110.74   | \$11,010.00  |

(continued on next page)



# Broker Commission Summary (continued)

| Broker                              | # of<br>Shares     | Commission<br>Per Share | Total Dollar<br>Amount of Trades | Total<br>Commission |
|-------------------------------------|--------------------|-------------------------|----------------------------------|---------------------|
| NESBITT BURNS                       | 56,707             | \$0.04                  | \$610,638.36                     | \$1,996.74          |
| NEUBERGER & BERMAN                  | 26,100             | \$0.04                  | \$1,074,157.75                   | \$1,305.00          |
| O"NEIL. WILLIAM & CO INC            | 20,100             | \$0.05                  | \$6,046.88                       | \$1,303.00          |
| PFORZHEIMER, CARL H. & COMPANY      | 200<br>900         | \$0.05                  | \$28,821.62                      | \$45.00             |
| PRECURSOR GROUP INC                 | 6,300              | \$0.05                  | \$332,890.01                     | \$315.00            |
| PRUDENTIAL SECURITIES, INC          |                    |                         | \$21,671,453.17                  | \$39,471.00         |
| PULSE TRADING LLC                   | 786,100<br>528,000 | \$0.05<br>\$0.04        | \$9,258,860.83                   | \$19,348.00         |
|                                     |                    |                         | . , ,                            |                     |
| PUTNAM LOVELL DE GUARDIOLA          | 74,350             | \$0.05                  | \$2,449,800.32                   | \$3,717.50          |
| QUARKER SECURITIES INC              | 2,800              | \$0.03                  | \$65,119.04                      | \$84.00             |
| RAYMOND JAMES & ASSOCIATES          | 430,900            | \$0.05                  | \$9,414,708.72                   | \$21,422.60         |
| RBC DOMINION SECURITIES CORP        | 16,200             | \$0.03                  | \$301,632.66                     | \$518.40            |
| REYNDERS, GRAY & COMPANY            | 11,200             | \$0.05                  | \$487,060.00                     | \$560.00            |
| ROBB, PECK, MCCOOEY CORP            | 71,800             | \$0.03                  | \$1,662,873.92                   | \$2,282.00          |
| ROBERTSON, STEPHENS & CO            | 291,350            | \$0.05                  | \$6,799,063.59                   | \$14,567.50         |
| ROBINSON HUMPHREY CO INC            | 223,000            | \$0.05                  | \$5,575,193.00                   | \$11,150.00         |
| SALOMON SMITH BARNEY INC            | 3,778,740          | \$0.05                  | \$103,363,997.77                 | \$175,851.60        |
| SANDERS MORRIS MUNDY                | 98,200             | \$0.05                  | \$2,734,674.41                   | \$4,910.00          |
| SANDLER O'NEILL & PARTNERS LP       | 327,300            | \$0.05                  | \$11,207,182.37                  | \$16,365.00         |
| SCHWAB, CHARLES & COMPANY           | 874,330            | \$0.03                  | \$14,850,175.71                  | \$27,805.90         |
| SCOTIA CAPITAL MARKETS (USA) INC    | 25,000             | \$0.04                  | \$247,247.50                     | \$1,000.00          |
| SESLIA SECURITIES                   | 6,600              | \$0.05                  | \$273,235.88                     | \$330.00            |
| SIMMONS & CO INTERNATIONAL          | 500                | \$0.05                  | \$19,021.14                      | \$25.00             |
| SOUNDVIEW TECHNOLOGY GROUP          | 364,200            | \$0.05                  | \$6,266,082.53                   | \$18,210.00         |
| SOUTHCOAST CAPITAL LLC              | 61,700             | \$0.05                  | \$1,296,966.36                   | \$3,085.00          |
| SOUTHWEST SECURITIES INC            | 103,600            | \$0.05                  | \$2,025,262.67                   | \$5,180.00          |
| SPEAR, LEEDS & KELLOGG              | 1,940,668          | \$0.03                  | \$60,970,893.77                  | \$50,364.80         |
| SPELMAN & COMPANY                   | 57,000             | \$0.05                  | \$2,045,225.90                   | \$2,850.00          |
| STANDARD & POOR'S SECURITIES INC    | 137,000            | \$0.05                  | \$3,205,283.18                   | \$6,850.00          |
| STATE STREET BROKERAGE SERVICES INC | 4,000              | \$0.05                  | \$85,200.00                      | \$200.00            |
| STEPHENS INC                        | 10,100             | \$0.05                  | \$206,418.66                     | \$505.00            |
| STUART FRANKEL & COMPANY            | 2,300              | \$0.05                  | \$96,389.22                      | \$115.00            |
| TD SECURITIES INC                   | 100                | \$0.02                  | \$6,732.00                       | \$2.00              |
| TROSTER SINGER CORP                 | 366,200            | \$0.05                  | \$8,201,480.28                   | \$18,310.00         |
| U.S. BANCORP PIPER JAFFRAY INC      | 165,300            | \$0.05                  | \$3,608,491.45                   | \$8,265.00          |
| U.S. CLEARING INST TRADING          | 20,700             | \$0.04                  | \$877,441.64                     | \$831.00            |
| UBS WARBURG                         | 197,800            | \$0.04                  | \$5,793,468.47                   | \$8,190.13          |
| UNTERBERG HARRIS                    | 100                | \$0.05                  | \$1,464.95                       | \$5.00              |
| VAN DER MOOLEN SPEC USA LLC RETAIL  | 2,500              | \$0.05                  | \$125,125.00                     | \$125.00            |
| VAN KASPER & CO                     | 92,200             | \$0.05                  | \$1,716,001.15                   | \$4,610.00          |
| WARBURG DILLON READ INC             | 450,350            | \$0.05                  | \$12,708,681.97                  | \$22,566.50         |
| WATLEY, A. B. INC                   | 125,100            | \$0.03                  | \$3,252,229.47                   | \$3,753.00          |
| WEDBUSH MORGAN SECURITIES INC.      | 100                | \$0.05                  | \$1,058.12                       | \$5.00              |
| WEEDEN & COMPANY                    | 276,300            | \$0.05                  | \$10,946,763.08                  | \$13,181.00         |
| WEISEL, THOMAS PARTNERS, LLC        | 436,000            | \$0.05                  | \$7,092,197.15                   | \$21,800.00         |
| WEISS PECK & GREER                  | 24,900             | \$0.03                  | \$564,990.91                     | \$845.00            |
| TOTALS                              | 76,390,785         |                         | \$1,809,637,083.46               | \$2,764,615.48      |
| Average Cents per Share             |                    | \$0.0362                |                                  | 2                   |



*This section was prepared by Pension Office staff with input from the Board of Pension Trustees and the Investment Committee.* 

# Actuarial Section

DELAWARE PUBLIC EMPLOYEES' RETIREMENT SYSTEM

- a component unit of the State of Delaware

A MILLIMAN GLOBAL FIRM



8000 Towers Crescent Drive, Suite 1000 Vienna, VA 22182-2700 Tal + 1703 917,0143 Fax + 1 703 827,9256 sww.miliman.com

September 3, 2002

Board of Pension Trustees Delaware Public Employees' Retirement System McArdle Building 860 Silver Lake Blvd., Suite 1 Dover, Delaware 19904-2402

Dear Board Members:

At your request, we have prepared our annual actuarial valuations of each of the funded pension plans administered by the Board as of June 30, 2002. The results of these valuations are contained in this report. Any distribution of this report must be in its entirety, including this cover letter, unless prior written consent is obtained.

#### Funding Objective

The funding objective of the System is to establish contribution rates which, over time, will remain level as a percent of payroll. In order to achieve this, a contribution rate has been determined which will provide for current cost (i.e., normal cost expressed as a level percent of payroll) plus level percent of payroll amortizations of each layer of the unfunded liability over the periods disclosed on page 44 of the CAFR. This funding objective is currently being realized.

Furthermore, each of the plans is subject to statutory funding requirements which, in our judgement, are in conformity with generally accepted actuarial principles and practices. To our knowledge, the State has consistently funded the full amounts required based on the actuarial valuations and specific statutory provisions.

#### Assumptions

The actuarial assumptions and methods used in these valuations have been recommended by the actuary and adopted by the Board of Trustees. The assumptions are annually screened for their continued applicability to this plan. We believe that the assumptions and methods are reasonable, and in the aggregate represent our best estimate of anticipated experience under the plans. Nevertheless, the emerging costs will vary from those presented in this report to the extent that actual experience differs from that projected by the actuarial assumptions.

The assumptions and methods used for funding purposes meet the parameters set for the disclosures presented in the financial section by Government Accounting Standards Board Statement No. 25, *Financial Reporting for Defined Benefit Pension Plans.* 

**DPERS 31**ST COMPREHENSIVE ANNUAL FINANCIAL REPORT



Board of Pension Trustees September 3, 2002 Page 2

#### **Reliance on Others**

In preparing our report, we relied, without audit, on employee census data provided by the Delaware State Pension Office. Census data provided by the Office has been reviewed for reasonableness, and for consistency with the data used in prior years. It should be noted that if any data or other information is inaccurate or incomplete, our calculations may need to be revised.

#### Supporting Schedules

The figures disclosed in Schedule 1 of the Supporting Schedules to the Financial Section were provided by Milliman USA, as were the Notes to Trend Data. In addition, we were responsible for the following schedules to be found in the Actuarial Section: Actuarial Assumptions and Methods, Schedule of Active Member Valuation Data, Solvency Test.

#### Certification

I believe that the State's pension plans are adequately and appropriately financed, in that the contributions are determined and funded on a level cost basis using reasonable actuarial methods and assumptions.

I, Fiona E. Liston, am a consulting actuary for Milliman USA. I am a member of the American Academy of Actuaries and meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinion contained herein.

I hereby certify that, to the best of my knowledge, this report is complete and accurate and has been prepared in accordance with generally recognized and accepted actuarial principles and practices which are consistent with the applicable Guides to Professional Conduct, Amplifying Opinions, and Supporting Recommendations and Interpretations of the American Academy of Actuaries.

Sincerely,

Milliman USA

Fime E. histon

Fiona E. Liston, F.S.A. Consulting Actuary



# **Actuarial Assumptions and Methods**

### **Asset Valuation Method**

The market value of assets, representing the realizable value of the assets on a particular day, is not necessarily an appropriate value for the purpose of setting contribution rates. This is because funding will take place over a long period into the future during which time market values can be expected to fluctuate widely. If market values were used to develop contribution rates, the resulting contribution rates would also vary widely.

In order to produce a stable pattern of contribution rates, market values are adjusted so that some of the volatility is removed. The actuarial value of assets has been calculated by taking 1/5th of the market value plus 4/5th of the expected value, where the expected value is last year's actuarial value and subsequent cash flows into and out of the System accumulated with interest at the valuation rate (8.5%).

# **Funding Method**

All plans currently use the Aggregate Entry Age Normal Method with projection to determine costs. In prior years, the municipal plans used a modification of this method known as the Frozen Initial Liability Method. Under the Entry Age method, a total contribution rate is determined which consists of two elements, the normal cost rate and the unfunded liability rate (UAL). In addition, the overall contribution rate includes a provision for the plan's expenses.

For each State plan, an Individual Entry Age Normal cost rate is determined for the typical new entrant of each respective plan. This rate is determined by taking the value, as of entry into the plan, of the member's projected future benefits less the member's projected future employee contributions, and dividing it by the value, also as of the member's entry age, of his expected future salary.

In addition to contributions required to meet the normal cost, contributions will be required to meet each plan's unfunded actuarial liability. Actuarial liability is defined as the present value of future benefits less the present value of future normal costs and future employee contributions. The unfunded liability is the total of the actuarial liability for all members less the actuarial value of the System's assets.

A portion of the unfunded liability will be paid through future, scheduled transfers from the Post-Retirement Increase Fund (PRI). These transfers will cover the liability increases due to the cost-ofliving increases granted on July 1, 1997, July 1, 1998, July 1, 1999, July 1, 2000, and July 1, 2001. The remaining unfunded actuarial liability will be amortized over the next 15 years (for the State Employees' Plan, 19 years for the Judiciary Plan, 18 years for the New State Police Plan, 25 years for the Volunteer Firemen's Plan, and 20 years for the Diamond State Corporation Plan) through the unfunded liability amortization component of the total contribution.



#### **Actuarial Assumptions**

The assumptions used for the actuarial valuation were recommended by the actuary and adopted by the Board of Pension Trustees based upon an ongoing analysis of the plans' experience. Differences between assumed and actual experience (actuarial gains and losses) are part of the unfunded actuarial liabilities. The following significant assumptions were used in the actuarial valuations as of July 1, 2002:

- 1. a rate of return on investments of 8.5% compounded annually (adopted 1990);
- 2. projected salary increases of 5% compounded annually, attributable to inflation (adopted 1983);
- 3. additional projected salary increases ranging from  $\frac{1}{2}$ % to 5% per year attributable to seniority, productivity, and merit (adopted 1985);
- 4. rates of mortality are based on the 1983 Group Annuity Mortality Table in all cases except for the Diamond State Port Corporation Plan which uses the UP-84 Mortality Table with ages set forward two years for males and set back three years for females (adopted 1984). Sample rates from all of these tables follow:

|            | <u>1983</u> | <u>B GAM</u>  | <u>UP84 (+2, -3)</u>      |
|------------|-------------|---------------|---------------------------|
| <u>Age</u> | <u>Male</u> | <u>Female</u> | <u>Male</u> <u>Female</u> |
| 35         | 0.09%       | 0.05%         | 0.16% 0.12%               |
| 40         | 0.12%       | 0.07%         | 0.26% 0.16%               |
| 45         | 0.22%       | 0.10%         | 0.42% 0.26%               |
| 50         | 0.39%       | 0.16%         | 0.69% 0.42%               |
| 55         | 0.61%       | 0.25%         | 1.08% 0.69%               |
| 60         | 0.92%       | 0.42%         | 1.70% 1.08%               |

- 5. rates of termination of service, disablement, and retirement are based on continuous monitoring of actual experience (adopted 1999); and
- 6. the aggregate active member payroll is assumed to increase by 4% annually (adopted 1976).

#### **Summary of Plan Provisions and Changes in Plan Provisions**

The plans valued are those described on pages 30-34 of the Financial Section. As of July 1, 2002, there were no significant plan changes in any of the plans, which are not reflected in the aforementioned plan descriptions.

## Schedule of Active Member Valuation Data

|                      |                    |                   |          | Annualized       |    |           |                |
|----------------------|--------------------|-------------------|----------|------------------|----|-----------|----------------|
|                      | <b>Fiscal Year</b> | Number of         | C        | overed Payroll   |    | Annual    | % Increase     |
| Plan:                | Ended              | Members           | (Express | ed in thousands) | Av | erage Pay | in Average Pay |
| State Employees'     | 6/30/2002          | 31,951            | \$       | 1,351,112        | \$ | 42,287    | 6.5%           |
|                      | 6/30/2001          | 31,989            |          | 1,270,632        |    | 39,721    | 5.2%           |
|                      | 6/30/2000          | 31,740            |          | 1,198,626        |    | 37,764    | 6.1%           |
|                      | 6/30/1999          | 31,634            |          | 1,125,857        |    | 35,590    | (0.1%)         |
|                      | 6/30/1998          | 30,031            |          | 1,070,052        |    | 35,632    | 4.9%           |
|                      | 6/30/1997          | 30,163            |          | 1,024,976        |    | 33,981    | 1.9%           |
| Special              | The Special Pla    | n has no Active l | Members  |                  |    |           |                |
| New State Police     | 6/30/2002          | 553               | \$       | 281              | \$ | 54,758    | 6.8%           |
|                      | 6/30/2001          | 539               |          | 27,624           |    | 51,250    | 5.7%           |
|                      | 6/30/2000          | 527               |          | 25,558           |    | 48,497    | 6.4%           |
|                      | 6/30/1999          | 516               |          | 23,518           |    | 45,578    | 5.3%           |
|                      | 6/30/1998          | 496               |          | 21,462           |    | 43,270    | 4.6%           |
|                      | 6/30/1997          | 465               |          | 19,227           |    | 41,348    | 4.5%           |
| Judiciary            | 6/30/2002          | 53                | \$       | 7,329            | \$ | 138,283   | 8.5%           |
|                      | 6/30/2001          | 50                |          | 6,371            |    | 127,420   | 7.8%           |
|                      | 6/30/2000          | 49                |          | 5,794            |    | 118,245   | 0.1%           |
|                      | 6/30/1999          | 48                |          | 5,673            |    | 118,118   | 8.5%           |
|                      | 6/30/1998          | 47                |          | 5,118            |    | 108,894   | (1.0%)         |
|                      | 6/30/1997          | 45                |          | 4,948            |    | 109,959   | 3.3%           |
| County & Municipal   | 6/30/2002          | 505               | \$       | 21,342           | \$ | 42,261    | 4.1%           |
| Police/Firefighters' | 6/30/2001          | 483               |          | 19,605           |    | 40,590    | 3.4%           |
|                      | 6/30/2000          | 459               |          | 18,011           |    | 39,240    | 4.9%           |
|                      | 6/30/1999          | 407               |          | 15,230           |    | 37,420    | 13.1%          |
|                      | 6/30/1998          | 354               |          | 11,712           |    | 33,085    | 5.9%           |
|                      | 6/30/1997          | 295               |          | 9,215            |    | 31,237    | 4.7%           |



## Schedule of Active Member Valuation Data (continued)

|                     |                    |           | А             | nnualized  |     |          |                |
|---------------------|--------------------|-----------|---------------|------------|-----|----------|----------------|
|                     | <b>Fiscal Year</b> | Number of | Cover         | ed Payroll |     | Annual   | % Increase     |
| Plan:               | Ended              | Members   | (Expressed in | thousands) | Ave | rage Pay | in Average Pay |
| County & Municipal  | 6/30/2002          | 90        | \$            | 2,545      | \$  | 28,278   | 4.9%           |
| Other Employees'    | 6/30/2001          | 85        |               | 2,292      |     | 26,965   | (0.4%)         |
|                     | 6/30/2000          | 74        |               | 2,004      |     | 27,081   | 9.5%           |
|                     | 6/30/1999          | 69        |               | 1,706      |     | 24,725   | 8.9%           |
|                     | 6/30/1998          | 61        |               | 1,385      |     | 22,705   | (7.7%)         |
|                     | 6/30/1997          | 52        |               | 1,279      |     | 24,595   | 16.7%          |
| Volunteer Firemen's | 6/30/2002          | 4,856     | \$            | -          | \$  | -        | -              |
|                     | 6/30/2001          | 4,769     |               | -          |     | -        | -              |
|                     | 6/30/2000          | 4,579     |               | -          |     | -        | -              |
|                     | 6/30/1999          | 4,706     |               | -          |     | -        | -              |
|                     | 6/30/1998          | 4,651     |               | -          |     | -        | -              |
|                     | 6/30/1997          | 4,621     |               | -          |     | -        | -              |
| Diamond State Port  | 6/30/2002          | 280       | \$            | 9,354      | \$  | 33,407   | 3.4%           |
| Corporation         | 6/30/2001          | 272       |               | 8,788      |     | 32,309   | (4.9%)         |
|                     | 6/30/2000          | 227       |               | 7,715      |     | 33,987   | (7.9%)         |
|                     | 6/30/1999          | 207       |               | 7,637      |     | 36,894   | 0.3%           |
|                     | 6/30/1998          | 183       |               | 6,731      |     | 36,781   | (1.7%)         |
|                     | 6/30/1997          | 110       |               | 4,116      |     | 37,422   | 9.1%           |
| Closed State Police | 6/30/2002          | 40        | \$            | 3,105      | \$  | 77,625   | 7.6%           |
|                     | 6/30/2001          | 45        |               | 3,247      |     | 72,156   | 5.8%           |
|                     | 6/30/2000          | 57        |               | 3,888      |     | 68,211   | 3.8%           |
|                     | 6/30/1999          | 75        |               | 4,930      |     | 65,733   | 4.6%           |
|                     | 6/30/1998          | 87        |               | 5,466      |     | 62,828   | 6.6%           |
|                     | 6/30/1997          | 97        |               | 5,716      |     | 58,929   | 6.7%           |



## Schedule of Retirants and Beneficiaries Added to and Removed from Rolls

|                      |             |           |     |          |                  |         | % Increase | Average    |
|----------------------|-------------|-----------|-----|----------|------------------|---------|------------|------------|
|                      | Fiscal Year |           |     | Year-end | Annual Allo      |         | in Annual  | Annual     |
| Plan:                | Ended       | Additions |     | Total    | (Expressed in th |         |            | Allowances |
| State Employees'     | 6/30/2002   | 1241      | 659 | 16,233   | \$               | 197,940 | 12.9% \$   | 12,194     |
|                      | 6/30/2001   | 1,174     | 722 | 15,651   |                  | 175,312 | 10.2%      | 11,201     |
|                      | 6/30/2000   | 1,135     | 611 | 15,199   |                  | 159,122 | 9.4%       | 10,469     |
|                      | 6/30/1999   | 1,076     | 536 | 14,675   |                  | 145,391 | 9.3%       | 9,907      |
|                      | 6/30/1998   | 892       | 566 | 14,135   |                  | 133,018 | 7.7%       | 9,410      |
|                      | 6/30/1997   | 892       | 594 | 13,809   |                  | 123,478 | 8.6%       | 8,942      |
| Special              | 6/30/2002   | 1         | 4   | 36       | \$               | 125     | (7.4%) \$  | 3,472      |
|                      | 6/30/2001   | 2         | 5   | 39       |                  | 135     | 1.5%       | 3,462      |
|                      | 6/30/2000   | -         | 1   | 42       |                  | 133     | 0.8%       | 3,167      |
|                      | 6/30/1999   | 2         | 4   | 43       |                  | 132     | 5.6%       | 3,070      |
|                      | 6/30/1998   | 2         | -   | 45       |                  | 125     | (3.0%)     | 2,895      |
|                      | 6/30/1997   | 2         | 4   | 43       |                  | 129     | (2.7%)     | 2,985      |
| New State Police     | 6/30/2002   | 6         | 1   | 16       | \$               | 460     | 59.2% \$   | 28,750     |
|                      | 6/30/2001   | 6         | -   | 11       |                  | 289     | 74.1%      | 26,273     |
|                      | 6/30/2000   | -         | -   | 5        |                  | 166     | 46.9%      | 33,200     |
|                      | 6/30/1999   | -         | -   | 5        |                  | 113     | (7.4%)     | 22,600     |
|                      | 6/30/1998   | -         | -   | 5        |                  | 122     | 41.1%      | 24,372     |
|                      | 6/30/1997   | 1         | -   | 5        |                  | 87      | 0.9%       | 17,272     |
| Judiciary            | 6/30/2002   | 2         | 3   | 37       | \$               | 1,889   | (3.1%) \$  | 51,054     |
|                      | 6/30/2001   | 4         | 3   | 38       |                  | 1,949   | 18.7%      | 51,289     |
|                      | 6/30/2000   | 5         | 1   | 37       |                  | 1,642   | 9.6%       | 44,378     |
|                      | 6/30/1999   | 3         | -   | 33       |                  | 1,498   | 10.5%      | 45,394     |
|                      | 6/30/1998   | 5         | 3   | 30       |                  | 1,356   | 6.8%       | 45,203     |
|                      | 6/30/1997   | -         | 2   | 28       |                  | 1,268   | 7.2%       | 45,333     |
| County & Municipal   | 6/30/2002   | 1         | 1   | 11       | \$               | 178     | 17.9% \$   | 16,182     |
| Police/Firefighters' | 6/30/2001   | 6         | -   | 11       |                  | 151     | 118.8%     | 13,727     |
| -                    | 6/30/2000   | -         | -   | 5        |                  | 69      | 6.2%       | 13,800     |
|                      | 6/30/1999   | 2         | -   | 5        |                  | 65      | 85.7%      | 13,000     |
|                      | 6/30/1998   | -         | -   | 3        |                  | 35      | 10.5%      | 11,795     |
|                      | 6/30/1997   | -         | -   | 3        |                  | 32      | 1.7%       | 10,672     |



|                     | Fiscal Year |           |           | Year-end | Annual | Allowances    | % Increase<br>in Annual | Average<br>Annual |
|---------------------|-------------|-----------|-----------|----------|--------|---------------|-------------------------|-------------------|
| Plan:               | Ended       | Additions | Deletions | Total    |        | in thousands) | Allowances              | Allowances        |
| County & Municipal  | 6/30/2002   | 1         | -         | 11       | \$     | 41            | 57.7% \$                |                   |
| Other Employees'    | 6/30/2001   | 1         | -         | 10       |        | 26            | 23.8%                   | 2,600             |
|                     | 6/30/2000   | 1         | -         | 9        |        | 21            | 50.0%                   | 2,333             |
|                     | 6/30/1999   | 1         | -         | 8        |        | 14            | (6.7%)                  | 1,750             |
|                     | 6/30/1998   | -         | -         | 7        |        | 15            | 0.0%                    | 2,161             |
|                     | 6/30/1997   | -         | -         | 7        |        | 15            | 1.9%                    | 2,161             |
| Volunteer Firemen   | 6/30/2002   | 86        | 48        | 1,169    | \$     | 1,016         | 4.6% \$                 | 869               |
|                     | 6/30/2001   | 60        | 32        | 1,131    |        | 971           | 5.5%                    | 859               |
|                     | 6/30/2000   | 66        | 42        | 1,103    |        | 920           | 3.4%                    | 834               |
|                     | 6/30/1999   | 73        | 33        | 1,079    |        | 890           | 6.5%                    | 825               |
|                     | 6/30/1998   | 68        | 38        | 1,039    |        | 836           | 3.1%                    | 805               |
|                     | 6/30/1997   | 68        | 50        | 1,009    |        | 811           | 2.7%                    | 804               |
| Diamond State Port  | 6/30/2002   | 4         | -         | 14       | \$     | 153           | 56.1% \$                | 10,929            |
| Corporation         | 6/30/2001   | 3         | -         | 10       |        | 98            | 30.7%                   | 9,800             |
|                     | 6/30/2000   | 1         | 1         | 7        |        | 75            | (14.8%)                 | 10,714            |
|                     | 6/30/1999   | 2         | 1         | 7        |        | 88            | 66.0%                   | 12,571            |
|                     | 6/30/1998   | 1         | -         | 6        |        | 53            | 64.8%                   | 8,894             |
|                     | 6/30/1997   | 4         | -         | 5        |        | 33            | 1,292.0%                | 6,476             |
| Closed State Police | 6/30/2002   | 10        | 10        | 548      | \$     | 18,167        | 6.6% \$                 | 33,151            |
|                     | 6/30/2001   | 13        | 6         | 548      |        | 17,040        | 6.0%                    | 31,095            |
|                     | 6/30/2000   | 22        | 4         | 541      |        | 16,078        | 3.9%                    | 29,719            |
|                     | 6/30/1999   | 21        | 14        | 523      |        | 15,481        | 3.1%                    | 29,600            |
|                     | 6/30/1998   | 16        | 11        | 516      |        | 15,018        | 3.8%                    | 29,105            |
|                     | 6/30/1997   | 15        | 12        | 511      |        | 14,465        | 4.1%                    | 28,308            |

## Schedule of Retirants and Beneficiaries Added to and Removed from Rolls (continued)



## **Solvency Test**

(Dollar values expressed in thousands)

|                      | _         |     | Aggreg      | ate A | Accrued L  | iabilit | ies for       |       |            |         |         |        |
|----------------------|-----------|-----|-------------|-------|------------|---------|---------------|-------|------------|---------|---------|--------|
|                      |           |     | Active      |       |            | A       | ctive Member  |       |            |         | Porti   | on of  |
|                      |           |     | Member      | Re    | etirants & | Empl    | oyer Financed |       |            | Accrue  | l Liabi | lities |
|                      | Valuation | Cor | ntributions | Ben   | eficiaries |         | Contributions | Marke | t Value of | by Repo | rted A  | ssets  |
| Plan:                | Date      |     | (1)         |       | (2)        |         | (3)           | Repor | ted Assets | (1)     | (2)     | (3)    |
| State Employees'     | 6/30/2002 | \$  | 361,334     | \$    | 1,768,363  | \$      | 2,392,035     | \$    | 4,635,565  | 100%    | 100%    | 105%   |
|                      | 6/30/2001 |     | 343,466     |       | 1,597526   |         | 2,291,252     |       | 5,057,849  | 100%    | 100%    | 136%   |
|                      | 6/30/2000 |     | 325,684     |       | 1,453,396  |         | 1,990,516     |       | 5,428,898  | 100%    | 100%    | 183%   |
|                      | 6/30/1999 |     | 307,831     |       | 1,333,509  |         | 1,708,787     |       | 4,700,554  | 100%    | 100%    | 179%   |
|                      | 6/30/1998 |     | 291,421     |       | 1,231,545  |         | 1,612,699     |       | 4,277,736  | 100%    | 100%    | 171%   |
|                      | 6/30/1997 |     | 269,295     |       | 1,154,814  |         | 1,391,686     |       | 3,651,457  | 100%    | 100%    | 160%   |
| Special              | 6/30/2002 | \$  | -           | \$    | 742        | \$      | -             | \$    | 1,765      | -       | 238%    | -      |
|                      | 6/30/2001 |     | -           |       | 993        |         | -             |       | 2,049      | -       | 206%    | -      |
|                      | 6/30/2000 |     | -           |       | 834        |         | -             |       | 2,325      | -       | 279%    | -      |
|                      | 6/30/1999 |     | -           |       | 826        |         | -             |       | 2,131      | -       | 258%    | -      |
|                      | 6/30/1998 |     | -           |       | 899        |         | -             |       | 2,090      | -       | 232%    | -      |
|                      | 6/30/1997 |     | -           |       | 797        |         | -             |       | 1,906      | -       | 239%    | _      |
| New State Police     | 6/30/2002 | \$  | 16,838      | \$    | 5,057      | \$      | 70,033        | \$    | 100,637    | 100%    | 100%    | 112%   |
|                      | 6/30/2001 |     | 14,571      |       | 2,909      |         | 62,560        |       | 102,804    | 100%    | 100%    | 136%   |
|                      | 6/30/2000 |     | 12,600      |       | 1,495      |         | 54,272        |       | 104,462    | 100%    | 100%    | 167%   |
|                      | 6/30/1999 |     | 10,680      |       | 1,319      |         | 42,714        |       | 85,827     | 100%    | 100%    | 173%   |
|                      | 6/30/1998 |     | 9,258       |       | 1,337      |         | 36,483        |       | 73,521     | 100%    | 100%    | 172%   |
|                      | 6/30/1997 |     | 8,064       |       | 1,188      |         | 31,373        |       | 58,929     | 100%    | 100%    | 158%   |
| Judiciary            | 6/30/2002 | \$  | 2,300       | \$    | 15,705     | \$      | 12,117        | \$    | 26,945     | 100%    | 100%    | 74%    |
|                      | 6/30/2001 |     | 1,932       |       | 16,622     |         | 11,081        |       | 28,629     | 100%    | 100%    | 91%    |
|                      | 6/30/2000 |     | 1,803       |       | 14,727     |         | 11,578        |       | 30,293     | 100%    | 100%    | 119%   |
|                      | 6/30/1999 |     | 1,064       |       | 12,131     |         | 12,207        |       | 25,494     | 100%    | 100%    | 101%   |
|                      | 6/30/1998 |     | 1,437       |       | 11,463     |         | 11,275        |       | 22,698     | 100%    | 100%    | 87%    |
|                      | 6/30/1997 |     | 1,331       |       | 9,704      |         | 10,637        |       | 18,958     | 100%    | 100%    | 74%    |
| County & Municipal   | 6/30/2002 | \$  | 6,114       | \$    | 1,838      | \$      | 22,392        | \$    | 31,671     | 100%    | 100%    | 106%   |
| Police/Firefighters' | 6/30/2001 |     | 4,748       |       | 1,950      |         | 22,767        |       | 29,694     | 100%    | 100%    | 101%   |
|                      | 6/30/2000 |     | 3,287       |       | 643        |         | 19,652        |       | 27,560     | 100%    | 100%    | 120%   |
|                      | 6/30/1999 |     | 2,096       |       | 643        |         | 14,958        |       | 20,212     | 100%    | 100%    | 117%   |
|                      | 6/30/1998 |     | 1,803       |       | 303        |         | 10,762        |       | 15,145     | 100%    | 100%    | 121%   |
|                      | 6/30/1997 |     | 1,330       |       | 304        |         | 7,752         |       | 10,959     | 100%    | 100%    | 120%   |

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#### **Solvency Test** (continued)

(Dollar values expressed in thousands)

|                            |           |     | Aggreg      | ate | Accrued Li  | abil | ities for       |    |               |         |         |             |
|----------------------------|-----------|-----|-------------|-----|-------------|------|-----------------|----|---------------|---------|---------|-------------|
|                            |           |     | Active      |     |             |      | Active Member   |    |               |         | Porti   | on of       |
|                            |           |     | Member      | R   | Retirants & | Em   | ployer Financed |    |               | Accrued | l Liabi | lities      |
|                            | Valuation | Cor | ntributions | Be  | neficiaries |      | Contributions   | Ma | rket Value of | by Repo | rted A  | ssets       |
| Plan:                      | Date      |     | (1)         |     | (2)         |      | (3)             | Re | ported Assets | (1)     | (2)     | (3)         |
| County & Municipal         | 6/30/2002 | \$  | 314         | \$  | 355         | \$   | 2,147           | \$ | 2,735         | 100%    | 100%    | 96%         |
| Other Employees'           | 6/30/2001 |     | 283         |     | 283         |      | 2,396           |    | 2,832         | 100%    | 100%    | 95%         |
|                            | 6/30/2000 |     | 227         |     | 185         |      | 2,192           |    | 2,819         | 100%    | 100%    | 110%        |
|                            | 6/30/1999 |     | 130         |     | 144         |      | 1,918           |    | 2,092         | 100%    | 100%    | 91%         |
|                            | 6/30/1998 |     | 170         |     | 120         |      | 1,262           |    | 1,704         | 100%    | 100%    | 112%        |
|                            | 6/30/1997 |     | 132         |     | 123         |      | 1,019           |    | 1,357         | 100%    | 100%    | 108%        |
| Volunteer Firemen's        | 6/30/2002 | \$  | 3,419       | \$  | 7,574       | \$   | 3,947           | \$ | 8,697         | 100%    | 70%     | -           |
|                            | 6/30/2001 |     | 2,308       |     | 7,186       |      | 4,343           |    | 9,536         | 100%    | 100%    | 1%          |
|                            | 6/30/2000 |     | 2,784       |     | 6,887       |      | 3,757           |    | 10,254        | 100%    | 100%    | 8%          |
|                            | 6/30/1999 |     | 2,744       |     | 6,655       |      | 3,678           |    | 8,897         | 100%    | 92%     | -           |
|                            | 6/30/1998 |     | 2,521       |     | 6,351       |      | 3,619           |    | 8,162         | 100%    | 89%     | -           |
|                            | 6/30/1997 |     | 2,311       |     | 6,053       |      | 3,648           |    | 6,901         | 100%    | 76%     | -           |
| Diamond State Port         | 6/30/2002 | \$  | 997         | \$  | 1,252       | \$   | 4,368           | \$ | 6,015         | 100%    | 100%    | 86%         |
| Corporation                | 6/30/2001 |     | 670         |     | 913         |      | 4,035           |    | 6,115         | 100%    | 100%    | 112%        |
|                            | 6/30/2000 |     | 626         |     | 584         |      | 4,012           |    | 6,053         | 100%    | 100%    | 121%        |
|                            | 6/30/1999 |     | 542         |     | 624         |      | 3,785           |    | 4,777         | 100%    | 100%    | 95%         |
|                            | 6/30/1998 |     | 632         |     | 467         |      | 3,369           |    | 3,833         | 100%    | 100%    | 84%         |
|                            | 6/30/1997 |     | 337         |     | 431         |      | 3,094           |    | 2,891         | 100%    | 100%    | <b>69</b> % |
| <b>Closed State Police</b> | 6/30/2002 | \$  | 1,643       | \$  | 288,736     | \$   | 28,308          | \$ | 2,209         | 100%    | -       | -           |
|                            | 6/30/2001 |     | 2,757       |     | 274,477     |      | 28,960          |    | 2,009         | 73%     | -       | -           |
|                            | 6/30/2000 |     | 3,248       |     | 264,722     |      | 34,825          |    | 1,687         | 52%     | -       | -           |
|                            | 6/30/1999 |     | 4,021       |     | 256,445     |      | 43,970          |    | 1,345         | 33%     | -       | -           |
|                            | 6/30/1998 |     | 4,285       |     | 255,383     |      | 48,896          |    | 1,029         | 24%     | -       | -           |
|                            | 6/30/1997 |     | 4,374       |     | 250,364     |      | 50,021          |    | 731           | 17%     | -       | -           |

### Analysis of Financial Experience for the State Employees' Pension Plan

Gains/(Losses) in Accrued Liability During Years Ended June 30, Resulting from Differences Between Assumed Experience and Actuarial Experience (Expressed in thousands)

|                                       |                | Gain/(Loss) fo | or the Fiscal <b>Y</b> | lears Ending | g June 30, |          |
|---------------------------------------|----------------|----------------|------------------------|--------------|------------|----------|
| <b>Type of Activity</b>               | 2002           | 2001           | 2000                   | 1999         | 1998       | 1997     |
| Investment Income on Actuarial Assets | \$<br>(80,148) | 74,705         | 254,955                | 202,925      | 209,366    | 159,984  |
| Combined Liability Experience         | (2,626)        | (182,632)*     | 4,349                  | 39,854       | 3,073      | 60,984   |
| Gain/(Loss) During Year from          |                |                |                        |              |            |          |
| Financial Experience                  | \$<br>(82,774) | (107,927)      | 259,304                | 242,779      | 212,439    | 220,968  |
| Non-Recurring Items                   | -              | (12,431)**     | (202,468)              | (41,170)     | (134,164)  | (23,322) |
| Composite Gain/(Loss) During Year     | \$<br>(82,774) | (131,358)      | 56,836                 | 201,609      | 78,275     | 197,646  |

\* Includes \$206 million in plan changes being treated as actuarial loss for funding purposes

\*\* PRI increase of 1.5% funded from PRI Fund

# Statistical Section

DELAWARE PUBLIC EMPLOYEES' RETIREMENT SYSTEM

- a component unit of the State of Delaware

## Schedule of Additions by Source

(Dollar values expressed in thousands)

|                      |                    |    |             | <b>Transfer of</b> | Transfer of        |               |
|----------------------|--------------------|----|-------------|--------------------|--------------------|---------------|
|                      | <b>Fiscal Year</b> |    | Employer    | Contributions      | Assets from        | Member        |
| Plan                 | Ended              | Co | ntributions | From PRI Fund      | Outside the System | Contributions |
| State Employees'     | 2002               | \$ | 18,148      | 31,994             | -                  | 33,477        |
|                      | 2001               |    | 20,542      | 38,191             | -                  | 31,888        |
|                      | 2000               |    | 43,433      | 33,498             | -                  | 29,659        |
|                      | 1999               |    | 52,338      | 30,933             | -                  | 26,932        |
|                      | 1998               |    | 57,049      | 27,074             | -                  | 23,093        |
|                      | 1997               |    | 58,525      | 20,786             | -                  | 24,194        |
| Special              | 2002               | \$ | -           | -                  | -                  | -             |
|                      | 2001               |    | -           | -                  | -                  | -             |
|                      | 2000               |    | -           | -                  | -                  | -             |
|                      | 1999               |    | -           | -                  | -                  | -             |
|                      | 1998               |    | -           | -                  | -                  | 4             |
|                      | 1997               |    | -           | -                  | -                  |               |
| New State Police     | 2002               | \$ | 2,476       | 35                 | -                  | 2,112         |
|                      | 2001               |    | 2,480       | 29                 | -                  | 1,710         |
|                      | 2000               |    | 2,585       | 24                 | -                  | 1,294         |
|                      | 1999               |    | 2,624       | 21                 | -                  | 1,168         |
|                      | 1998               |    | 2,546       | 18                 | -                  | 1,040         |
|                      | 1997               |    | 1,913       | 13                 | -                  | 946           |
| Judiciary            | 2002               | \$ | 1,399       | 293                | -                  | 251           |
|                      | 2001               |    | 1,333       | 306                | -                  | 206           |
|                      | 2000               |    | 1,666       | 251                | -                  | 183           |
|                      | 1999               |    | 1,327       | 221                | -                  | 165           |
|                      | 1998               |    | 1,273       | 189                | -                  | 133           |
|                      | 1997               |    | 1,199       | 134                | -                  | 144           |
| County & Municipal   | 2002               | \$ | 2,779       | -                  | -                  | 1,404         |
| Police/Firefighters' | 2001               |    | 2,664       | -                  | -                  | 1,265         |
|                      | 2000               |    | 2,771       | -                  | -                  | 973           |
|                      | 1999               |    | 2,025       | -                  | -                  | 604           |
|                      | 1998               |    | 1,651       | -                  | -                  | 477           |
|                      | 1997               |    | 1,388       | -                  | -                  | 359           |



| ployer Contributions | Emp          |      |                              |                       |       |
|----------------------|--------------|------|------------------------------|-----------------------|-------|
| As a Percent of      |              |      | Net Increase/(Decrease)      |                       |       |
| Covered Payroll      | al Additions | Tota | in Fair Value of Investments | Net Investment Income | Other |
| 1.4%                 | (216,884)    | \$   | (429,051)                    | 128,548               | -     |
| 1.7%                 | (184,962)    |      | (429,538)                    | 153,955               | -     |
| 3.9%                 | 897,555      |      | 641,970                      | 148,995               | -     |
| 5.2%                 | 577,884      |      | 345,930                      | 121,749               | 2     |
| 5.8%                 | 769,660      |      | 537,329                      | 125,113               | 2     |
| 6.2%                 | 645,466      |      | 422,815                      | 119,143               | 3     |
| -                    | (116)        | \$   | (165)                        | 49                    | -     |
| -                    | (112)        |      | (175)                        | 63                    | -     |
| -                    | 344          |      | 280                          | 64                    | -     |
| -                    | 209          |      | 153                          | 56                    | -     |
| -                    | 330          |      | 264                          | 62                    | -     |
| -                    | 277          |      | 213                          | 64                    | -     |
| 8.2%                 | (1,664)      | \$   | (9,075)                      | 2,781                 | 7     |
| 8.9%                 | (1,287)      |      | (8,643)                      | 3,118                 | 19    |
| 10.0%                | 18,897       |      | 12,117                       | 2,857                 | 20    |
| 11.3%                | 12,537       |      | 6,481                        | 2,211                 | 32    |
| 12.3%                | 14,929       |      | 9,172                        | 2,142                 | 11    |
| 10.0%                | 11,762       |      | 7,001                        | 1,881                 | 8     |
| 19.3%                | 229          | \$   | (2,459)                      | 745                   | -     |
| 20.5%                | 293          |      | (2,421)                      | 869                   | -     |
| 23.1%                | 6,449        |      | 3,528                        | 821                   | -     |
| 24.2%                | 4,316        |      | 1,944                        | 659                   | -     |
| 24.9%                | 5,116        |      | 2,858                        | 663                   | -     |
| 24.2%                | 4,307        |      | 2,217                        | 613                   | -     |
| 13.4%                | 2,310        | \$   | (2,729)                      | 856                   | -     |
| 14.3%                | 2,398        |      | (2,417)                      | 886                   | -     |
| 14.3%                | 7,505        |      | 3,022                        | 739                   | -     |
| 14.9%                | 5,200        |      | 2,075                        | 496                   | -     |
| 15.2%                | 4,290        |      | 1,726                        | 436                   | -     |
| 15.3%                | 3,391        |      | 1,317                        | 327                   | -     |

(Continued on next page)



## Schedule of Additions by Source (continued)

(Dollar values expressed in thousands)

|                     | Fiscal Year |    | Employer    | Transfer of<br>Contributions | Transfer of<br>Assets from | Member        |
|---------------------|-------------|----|-------------|------------------------------|----------------------------|---------------|
| Plan                | Ended       | Со | ntributions | From PRI Fund                | Outside the System         | Contributions |
| County & Municipal  | 2002        | \$ | 92          | -                            | -                          | 57            |
| Other Employees'    | 2001        |    | 165         | -                            | -                          | 53            |
|                     | 2000        |    | 352         | -                            | -                          | 46            |
|                     | 1999        |    | 158         | -                            | -                          | 30            |
|                     | 1998        |    | 82          | -                            | -                          | 33            |
|                     | 1997        |    | 116         | -                            | -                          | 30            |
| Volunteer Firemen's | 2002        | \$ | 586         | -                            | -                          | 209           |
|                     | 2001        |    | 618         | -                            | -                          | 205           |
|                     | 2000        |    | 645         | -                            | -                          | 203           |
|                     | 1999        |    | 660         | -                            | -                          | 203           |
|                     | 1998        |    | 689         | -                            | -                          | 205           |
|                     | 1997        |    | 721         | -                            | -                          | 201           |
| Diamond State Port  | 2002        | \$ | 341         | -                            | -                          | 157           |
| Corporation         | 2001        |    | 386         | -                            | -                          | 154           |
|                     | 2000        |    | 389         | -                            | -                          | 143           |
|                     | 1999        |    | 407         | -                            | -                          | 125           |
|                     | 1998        |    | 384         | -                            | 247                        | 110           |
|                     | 1997        |    | 189         | -                            | -                          | 77            |
| Closed State Police | 2002        | \$ | 17,805      | -                            | -                          | 64            |
|                     | 2001        |    | 17,174      | -                            | -                          | 69            |
|                     | 2000        |    | 16,208      | -                            | -                          | 93            |
|                     | 1999        |    | 15,664      | -                            | -                          | 152           |
|                     | 1998        |    | 15,071      | -                            | -                          | 193           |
|                     | 1997        |    | 14,520      | -                            | -                          | 207           |

| Employer Contributions |                |   |                              |                       |       |
|------------------------|----------------|---|------------------------------|-----------------------|-------|
| As a Percent of        |                | ) | Net Increase/(Decrease)      |                       |       |
| Covered Payroll        | otal Additions |   | in Fair Value of Investments | Net Investment Income | Other |
| 3.6%                   | (21)           |   | (246)                        | 76                    | -     |
| 3.7%                   | 70             |   | (233)                        | 85                    | -     |
| 4.6%                   | 767            |   | 292                          | 77                    | -     |
| 5.7%                   | 417            |   | 176                          | 53                    | -     |
| 5.7%                   | 369            |   | 204                          | 50                    | -     |
| 7.3%                   | 359            |   | 172                          | 41                    | -     |
| -                      | 238            |   | (797)                        | 240                   | -     |
| -                      | 331            |   | (783)                        | 291                   | -     |
| -                      | 2,328          |   | 1,198                        | 282                   | -     |
| -                      | 1,710          |   | 615                          | 232                   | -     |
| -                      | 2,165          |   | 1,028                        | 243                   | -     |
| -                      | 1,879          |   | 741                          | 216                   | -     |
| 4.2%                   | 126            |   | (538)                        | 166                   | -     |
| 4.9%                   | 221            |   | (504)                        | 185                   | -     |
| 5.3%                   | 1,380          |   | 684                          | 164                   | -     |
| 6.4%                   | 1,065          |   | 412                          | 121                   | -     |
| 6.9%                   | 1,265          |   | 411                          | 113                   | -     |
| 5.0%                   | 900            |   | 551                          | 83                    | -     |
| -                      | 17,978         |   | -                            | 109                   | -     |
| -                      | 17,479         |   | -                            | 234                   | 2     |
| -                      | 16,501         |   | -                            | 198                   | 2     |
| -                      | 15,930         |   | -                            | 109                   | 5     |
| -                      | 15,423         |   | -                            | 157                   | 2     |
| -                      | 14,856         |   | -                            | 128                   | 1     |
|                        |                |   |                              |                       |       |

#### **Employer Contributions**



# Schedule of Deductions by Type

(Dollar values expressed in thousands)

|                      |                    | <b>Transfer of</b> | <b>Transfer of</b> |          |
|----------------------|--------------------|--------------------|--------------------|----------|
|                      | <b>Fiscal Year</b> | Contributions      | Assets Outside     | Benefit  |
| Plan                 | Ended              | from PRI Fund      | the System         | Payments |
| State Employees'     | 2002               | \$<br>-            | -                  | 194,824  |
|                      | 2001               | -                  | -                  | 175,312  |
|                      | 2000               | -                  | -                  | 159,122  |
|                      | 1999               | -                  | -                  | 145,391  |
|                      | 1998               | -                  | -                  | 133,018  |
|                      | 1997               | -                  | -                  | 123,478  |
| Special              | 2002               | \$<br>-            | -                  | 143      |
|                      | 2001               | -                  | -                  | 135      |
|                      | 2000               | -                  | -                  | 133      |
|                      | 1999               | -                  | -                  | 132      |
|                      | 1998               | -                  | -                  | 125      |
|                      | 1997               | -                  | -                  | 129      |
| New State Police     | 2002               | \$<br>-            | -                  | 367      |
|                      | 2001               | -                  | -                  | 289      |
|                      | 2000               | -                  | -                  | 166      |
|                      | 1999               | -                  | -                  | 113      |
|                      | 1998               | -                  | -                  | 122      |
|                      | 1997               | -                  | -                  | 87       |
| Judiciary            | 2002               | \$<br>-            | -                  | 1,907    |
|                      | 2001               | -                  | -                  | 1,949    |
|                      | 2000               | -                  | -                  | 1,642    |
|                      | 1999               | -                  | -                  | 1,498    |
|                      | 1998               | -                  | -                  | 1,356    |
|                      | 1997               | -                  | -                  | 1,268    |
| County & Municipal   | 2002               | \$<br>-            | -                  | 163      |
| Police/Firefighters' | 2001               | -                  | -                  | 151      |
|                      | 2000               | -                  | -                  | 69       |
|                      | 1999               | -                  | -                  | 65       |
|                      | 1998               | -                  | -                  | 35       |
|                      | 1997               | -                  | -                  | 32       |

| Total             | Administrative | Group Life | <b>Refund of</b> |
|-------------------|----------------|------------|------------------|
| <b>Deductions</b> | <br>Expenses   | Payments   | Contributions    |
| 205,677           | \$<br>4,441    | 4,003      | 2,409            |
| 186,087           | 4,658          | 3,632      | 2,485            |
| 169,211           | 4,140          | 3,573      | 2,376            |
| 155,066           | 4,843          | 2,344      | 2,488            |
| 142,322           | 4,484          | 2,600      | 2,220            |
| 130,187           | 2,451          | 2,450      | 1,808            |
| 168               | \$<br>4        | 21         | -                |
| 164               | 5              | 24         | -                |
| 149               | 4              | 12         | -                |
| 168               | 6              | 30         | -                |
| 146               | 6              | 15         | -                |
| 149               | -              | 20         | -                |
| 510               | \$<br>56       | -          | 87               |
| 370               | 48             | -          | 33               |
| 262               | 40             | -          | 56               |
| 231               | 45             | -          | 73               |
| 320               | 39             | -          | 159              |
| 131               | 25             | -          | 19               |
| 1,915             | \$<br>8        | -          | -                |
| 1,957             | 8              | -          | -                |
| 1,650             | 8              | -          | -                |
| 1,521             | 23             | -          | -                |
| 1,369             | 13             | -          | -                |
| 1,273             | 5              | -          | -                |
| 334               | \$<br>49       | -          | 122              |
| 265               | 94             | -          | 20               |
| 157               | 38             | -          | 50               |
| 133               | 42             | -          | 26               |
| 101               | 28             | -          | 38               |
| 72                | 24             | -          | 16               |

(Continued on next page)

# Schedule of Deductions by Type (continued)

(Dollar values expressed in thousands)

|                                |                    | <b>Transfer of</b> | <b>Transfer of</b> |          |
|--------------------------------|--------------------|--------------------|--------------------|----------|
|                                | <b>Fiscal Year</b> | Contributions      | Assets Outside     | Benefit  |
| Plan                           | Ended              | from PRI Fund      | the System         | Payments |
| County & Municipal             | 2002               | \$<br>-            | -                  | 41       |
| Other Employees'               | 2001               | -                  | -                  | 26       |
|                                | 2000               | -                  | -                  | 21       |
|                                | 1999               | -                  | -                  | 17       |
|                                | 1998               | -                  | -                  | 15       |
|                                | 1997               | -                  | -                  | 15       |
| Volunteer Firemen's            | 2002               | \$<br>-            | -                  | 1,018    |
|                                | 2001               | -                  | -                  | 971      |
|                                | 2000               | -                  | -                  | 920      |
|                                | 1999               | -                  | -                  | 890      |
|                                | 1998               | -                  | -                  | 836      |
|                                | 1997               | -                  | -                  | 811      |
| Diamond State Port Corporation | 2002               | \$<br>-            | -                  | 185      |
|                                | 2001               | -                  | -                  | 98       |
|                                | 2000               | -                  | -                  | 75       |
|                                | 1999               | -                  | -                  | 88       |
|                                | 1998               | -                  | -                  | 53       |
|                                | 1997               | -                  | -                  | 33       |
| Closed State Police            | 2002               | \$<br>-            | -                  | 17,705   |
|                                | 2001               | -                  | -                  | 17,040   |
|                                | 2000               | -                  | -                  | 16,078   |
|                                | 1999               | -                  | -                  | 15,481   |
|                                | 1998               | -                  | -                  | 15,018   |
|                                | 1997               | -                  | -                  | 14,465   |

| <b>Refund of</b> | Group Life | Administrative | Total      |
|------------------|------------|----------------|------------|
| Contributions    | Payments   | Expenses       | Deductions |
| 21               | -          | 15             | \$ 77      |
| 9                | -          | 21             | 56         |
| 3                | -          | 16             | 40         |
| 4                | -          | 8              | 29         |
| 1                | -          | 4              | 20         |
| 1                | -          | 4              | 20         |
| 44               | -          | 17             | \$ 1,079   |
| 55               | -          | 22             | 1,048      |
| 29               | -          | 22             | 971        |
| 51               | -          | 34             | 975        |
| 42               | -          | 24             | 902        |
| 29               | -          | 15             | 855        |
| 15               | -          | 27             | \$ 227     |
| 8                | -          | 53             | 159        |
| 12               | -          | 17             | 104        |
| 12               | -          | 21             | 121        |
| 7                | -          | 21             | 81         |
| 9                | -          | 17             | 59         |
| -                | 56         | 17             | \$ 17,778  |
| -                | 54         | 63             | 17,157     |
| -                | 30         | 51             | 16,159     |
| -                | 70         | 63             | 15,614     |
| -                | 45         | 62             | 15,125     |
|                  | 55         | 37             | 14,557     |



# Schedule of Benefit Deductions by Type

(Dollar values expressed in thousands)

|                      | <b>Fiscal Years</b> |               |          |            |               |
|----------------------|---------------------|---------------|----------|------------|---------------|
| Plan                 | Ended June 30,      | Service       | Survivor | Disability | Total         |
| State Employees'     | 2002                | \$<br>162,843 | 16,130   | 15,851     | \$<br>194,824 |
|                      | 2001                | 146,079       | 14,858   | 14,375     | 175,312       |
|                      | 2000                | 132,568       | 13,587   | 12,967     | 159,122       |
|                      | 1999                | 121,017       | 12,528   | 11,846     | 145,391       |
|                      | 1998                | 110,988       | 11,365   | 10,665     | 133,018       |
|                      | 1997                | 103,834       | 10,021   | 9,623      | 123,478       |
| Special              | 2002                | \$<br>82      | 56       | 5          | \$<br>143     |
|                      | 2001                | 70            | 57       | 8          | 135           |
|                      | 2000                | 73            | 52       | 8          | 133           |
|                      | 1999                | 78            | 46       | 8          | 132           |
|                      | 1998                | 78            | 40       | 7          | 125           |
|                      | 1997                | 83            | 39       | 7          | 129           |
| New State Police     | 2002                | \$<br>172     | 42       | 153        | \$<br>367     |
|                      | 2001                | 44            | 26       | 219        | 289           |
|                      | 2000                | -             | 19       | 147        | 166           |
|                      | 1999                | -             | 18       | 95         | 113           |
|                      | 1998                | -             | 18       | 104        | 122           |
|                      | 1997                | -             | 18       | 69         | 87            |
| Judiciary            | 2002                | \$<br>1,341   | 452      | 114        | \$<br>1,907   |
|                      | 2001                | 1,497         | 351      | 101        | 1,949         |
|                      | 2000                | 1,236         | 298      | 108        | 1,642         |
|                      | 1999                | 1,137         | 256      | 105        | 1,498         |
|                      | 1998                | 1,022         | 231      | 103        | 1,356         |
|                      | 1997                | 985           | 182      | 101        | 1,268         |
| County & Municipal   | 2002                | \$<br>71      | 26       | 66         | \$<br>163     |
| Police/Firefighters' | 2001                | 72            | 32       | 47         | 151           |
|                      | 2000                | -             | 32       | 37         | 69            |
|                      | 1999                | -             | 34       | 31         | 65            |
|                      | 1998                | -             | 15       | 20         | 35            |
|                      | 1997                | -             | 11       | 21         | 32            |



## Schedule of Benefit Deductions by Type (continued)

(Dollar values expressed in thousands)

|                     | <b>Fiscal Years</b> |              |          |            |              |
|---------------------|---------------------|--------------|----------|------------|--------------|
| Plan                | Ended June 30,      | Service      | Survivor | Disability | Total        |
| County & Municipal  | 2002                | \$<br>28     | -        | 13         | \$<br>41     |
| Other Employees'    | 2001                | 21           | -        | 5          | 26           |
|                     | 2000                | 19           | -        | 2          | 21           |
|                     | 1999                | 15           | -        | 2          | 17           |
|                     | 1998                | 13           | -        | 2          | 15           |
|                     | 1997                | 13           | -        | 2          | 15           |
| Volunteer Firemen's | 2002                | \$<br>1,018  | -        | -          | \$<br>1,018  |
|                     | 2001                | 971          | -        | -          | 971          |
|                     | 2000                | 920          | -        | -          | 920          |
|                     | 1999                | 890          | -        | -          | 890          |
|                     | 1998                | 836          | -        | -          | 836          |
|                     | 1997                | 811          | -        | -          | 811          |
| Diamond State Port  | 2002                | \$<br>96     | 11       | 78         | \$<br>185    |
| Corporation         | 2001                | 59           | 11       | 28         | 98           |
|                     | 2000                | 51           | 11       | 13         | 75           |
|                     | 1999                | 54           | 28       | 6          | 88           |
|                     | 1998                | 53           | -        | -          | 53           |
|                     | 1997                | 33           | -        | -          | 33           |
| Closed State Police | 2002                | \$<br>12,635 | 2,111    | 2,959      | \$<br>17,705 |
|                     | 2001                | 12,002       | 2,131    | 2,907      | 17,040       |
|                     | 2000                | 11,352       | 1,928    | 2,798      | 16,078       |
|                     | 1999                | 10,782       | 1,870    | 2,829      | 15,481       |
|                     | 1998                | 10,620       | 1,669    | 2,729      | 15,018       |
|                     | 1997                | <br>10,343   | 1,467    | 2,655      | <br>14,465   |

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# Schedule of Retired Members by Type of Benefit by Plan

as of June 30, 2002

|                      | Amount of              | Number of | Туре    | of Retirement |            |
|----------------------|------------------------|-----------|---------|---------------|------------|
| Plan                 | <b>Monthly Benefit</b> | Retirants | Service | Survivor      | Disability |
| State Employees'     | Deferred               | 930       | 930     | -             | -          |
|                      | \$1 - 499              | 5,680     | 2,931   | 1,753         | 996        |
|                      | 500-999                | 4,245     | 3,044   | 656           | 545        |
|                      | 1000-1499              | 2,584     | 2,142   | 212           | 230        |
|                      | 1500-1999              | 1,549     | 1,374   | 71            | 104        |
|                      | 2000 - 2499            | 1,008     | 937     | 22            | 49         |
|                      | 2500 - 2999            | 611       | 585     | 6             | 20         |
|                      | over \$3000            | 556       | 537     | 5             | 14         |
| Special              | Deferred               | -         | -       | -             | -          |
|                      | \$1 - 499              | 33        | 14      | 19            | -          |
|                      | 500-999                | 3         | 1       | 1             | 1          |
|                      | over \$1000            | -         | -       | -             | -          |
| New State Police     | Deferred               | 5         | 5       | -             | -          |
|                      | \$ - 1499              | 2         | -       | 2             | -          |
|                      | 1500 - 1999            | 2         | 1       | 1             | -          |
|                      | 2000 - 2499            | 7         | 3       | -             | 4          |
|                      | over \$2500            | 5         | 3       | -             | 2          |
| Judiciary            | Deferred               | 3         | -       | -             | -          |
|                      | \$1 - 499              | -         | -       | -             | -          |
|                      | 500-999                | -         | -       | -             | -          |
|                      | 1000-1499              | 2         | -       | 2             | -          |
|                      | 1500-1999              | 3         | -       | 3             | -          |
|                      | 2000 - 2499            | 2         | -       | 2             | -          |
|                      | 2500 - 2999            | 4         | 2       | 2             | -          |
|                      | over \$3000            | 26        | 19      | 5             | 2          |
| County & Municipal   | Deferred               | 14        | 14      | -             | -          |
| Police/Firefighters' | \$1 - 499              | -         | -       | -             | -          |
|                      | 500-999                | 3         | 1       | 2             | -          |
|                      | 1000-1499              | 2         | 1       | -             | 1          |
|                      | 1500-1999              | 6         | 1       | 2             | 3          |
|                      | over \$2000            | -         | -       | -             | -          |



|                     | Amount of              | Number of | Туре    | of Retiremen | t          |  |
|---------------------|------------------------|-----------|---------|--------------|------------|--|
| Plan                | <b>Monthly Benefit</b> | Retirants | Service | Survivor     | Disability |  |
| County & Municipal  | Deferred               | 1         | 1       | -            | -          |  |
| Other Employees'    | \$1 - 499              | 9         | 8       | -            | 1          |  |
|                     | 500-999                | 2         | 1       | -            | 1          |  |
|                     | 1000-1499              | -         | -       | -            | -          |  |
|                     | 1500-1999              | -         | -       | -            | -          |  |
|                     | over \$2000            | -         | -       | -            | -          |  |
| Volunteer Firemen's | Deferred               | 21        | 21      | -            | -          |  |
|                     | \$1 - 74               | 628       | 628     | -            | -          |  |
|                     | 75 - 99                | 401       | 401     | -            | -          |  |
|                     | over \$100             | 140       | 140     | -            | -          |  |
| Diamond State Port  | Deferred               | 2         | 2       | -            | -          |  |
| Corporation         | \$1 - 499              | 2         | 2       | -            | -          |  |
|                     | 500-999                | 6         | 4       | 1            | 1          |  |
|                     | 1000-1499              | 6         | 3       | -            | 3          |  |
|                     | 1500-1999              | -         | -       | -            | -          |  |
|                     | over \$2000            | -         | -       | -            | -          |  |
| Closed State Police | Deferred<br>\$1 - 499  | -         | -       | -            | -          |  |
|                     | 500-999                | -         | -       | -            | -          |  |
|                     | 1000-1499              | 4         | -       | 4            | -          |  |
|                     | 1500-1999              | 30        | -       | 22           | 8          |  |
|                     | 2000 - 2499            | 120       | 64      | 47           | 9          |  |
|                     | 2500 - 2999            | 295       | 251     | 8            | 36         |  |
|                     | over \$3000            | 99        | 65      | 3            | 31         |  |

## Schedule of Retired Members by Type of Benefit by Plan (continued) as of June 30, 2002



## Schedule of Average Benefit Payments by Plan

The following schedules are presented only for those plans with retirees and/or beneficiaries as of June 30, 2002, whose benefits are based on years of service or salary. Accordingly, the Special Pension Plan is not included.

|                              | 2002<br>State Employees' Pension Plan |           |      |            |    |            |  |  |  |  |
|------------------------------|---------------------------------------|-----------|------|------------|----|------------|--|--|--|--|
| Credited Service             |                                       | Retirants |      | eficiaries |    | sabilities |  |  |  |  |
| Less than 5 years            |                                       |           | 2011 |            |    |            |  |  |  |  |
| Average Monthly Benefit      | \$                                    | 631       | \$   | 117        | \$ | -          |  |  |  |  |
| Average Final Average Salary | \$                                    | 17,104    | \$   | -          | \$ | -          |  |  |  |  |
| Number of Active Retirees    |                                       | 11        |      | 6          |    | -          |  |  |  |  |
| 5 - 9.99 years               |                                       |           |      |            |    |            |  |  |  |  |
| Average Monthly Benefit      | \$                                    | 273       | \$   | 148        | \$ | 227        |  |  |  |  |
| Average Final Average Salary | \$                                    | 22,977    | \$   | -          | \$ | 18,393     |  |  |  |  |
| Number of Active Retirees    |                                       | 563       |      | 350        |    | 410        |  |  |  |  |
| 10 - 14.99 years             |                                       |           |      |            |    |            |  |  |  |  |
| Average Monthly Benefit      | \$                                    | 377       | \$   | 266        | \$ | 404        |  |  |  |  |
| Average Final Average Salary | \$                                    | 20,900    | \$   | -          | \$ | 21,507     |  |  |  |  |
| Number of Active Retirees    |                                       | 1,148     |      | 474        |    | 477        |  |  |  |  |
| 15 - 19.99 years             |                                       |           |      |            |    |            |  |  |  |  |
| Average Monthly Benefit      | \$                                    | 569       | \$   | 344        | \$ | 625        |  |  |  |  |
| Average Final Average Salary | \$                                    | 23,067    | \$   | -          | \$ | 24,069     |  |  |  |  |
| Number of Active Retirees    |                                       | 1,807     |      | 586        |    | 421        |  |  |  |  |
| 20 - 24.99 years             |                                       |           |      |            |    |            |  |  |  |  |
| Average Monthly Benefit      | \$                                    | 840       | \$   | 515        | \$ | 915        |  |  |  |  |
| Average Final Average Salary | \$                                    | 24,999    | \$   | -          | \$ | 28,039     |  |  |  |  |
| Number of Active Retirees    |                                       | 2,027     |      | 465        |    | 342        |  |  |  |  |
| 25 - 29.99 years             |                                       |           |      |            |    |            |  |  |  |  |
| Average Monthly Benefit      | \$                                    | 1,310     | \$   | 689        | \$ | 1,347      |  |  |  |  |
| Average Final Average Salary | \$                                    | 32,295    | \$   | -          | \$ | 34,009     |  |  |  |  |
| Number of Active Retirees    |                                       | 2,244     |      | 308        |    | 187        |  |  |  |  |
| <i>30 - 34.99 years</i>      |                                       |           |      |            |    |            |  |  |  |  |
| Average Monthly Benefit      | \$                                    | 1,846     | \$   | 883        | \$ | 1,837      |  |  |  |  |
| Average Final Average Salary | \$                                    | 40,056    | \$   | -          | \$ | 39,089     |  |  |  |  |
| Number of Active Retirees    |                                       | 2,566     |      | 345        |    | 91         |  |  |  |  |
| 35 - 39.99 years             |                                       |           |      |            |    |            |  |  |  |  |
| Average Monthly Benefit      | \$                                    | 2,279     | \$   | 1157       | \$ | 2,174      |  |  |  |  |
| Average Final Average Salary | \$                                    | 40,789    | \$   | -          | \$ | 36,323     |  |  |  |  |
| Number of Active Retirees    |                                       | 909       |      | 141        |    | 24         |  |  |  |  |
| 40 years and over            |                                       |           |      |            |    |            |  |  |  |  |
| Average Monthly Benefit      | \$                                    | 2,555     | \$   | 1,341      | \$ | 2,146      |  |  |  |  |
| Average Final Average Salary | \$                                    | 39,002    | \$   | -          | \$ | 31,225     |  |  |  |  |
| Number of Active Retirees    |                                       | 275       |      | 50         |    | 6          |  |  |  |  |



|                              |    | New Sta  | ate P | 2002<br>Police Pensi | on P | 2002<br>Judiciary Pension Plan |    |         |    |           |    |         |
|------------------------------|----|----------|-------|----------------------|------|--------------------------------|----|---------|----|-----------|----|---------|
| Credited Service             | R  | etirants | Bei   | neficiaries          | Di   | sabilities                     | R  |         |    | ficiaries |    |         |
| Less than 5 years            |    |          |       |                      |      |                                |    |         |    |           |    |         |
| Average Monthly Benefit      | \$ | -        | \$    | 891                  | \$   | 2,082                          | \$ | -       | \$ | -         | \$ | -       |
| Average Final Average Salary | \$ | -        | \$    | -                    | \$   | 28,297                         | \$ | -       | \$ | -         | \$ | -       |
| Number of Active Retirees    |    | -        |       | 2                    |      | 1                              |    | -       |    | -         |    | -       |
| 5 - 9.99 years               |    |          |       |                      |      |                                |    |         |    |           |    |         |
| Average Monthly Benefit      | \$ | -        | \$    | 1,617                | \$   | 2,793                          | \$ | -       | \$ | -         | \$ | 5,025   |
| Average Final Average Salary | \$ | -        | \$    | -                    | \$   | 33,234                         | \$ | -       | \$ | -         | \$ | 121,230 |
| Number of Active Retirees    |    | -        |       | 1                    |      | 2                              |    | -       |    | -         |    | 1       |
| 10 - 14.99 years             |    |          |       |                      |      |                                |    |         |    |           |    |         |
| Average Monthly Benefit      | \$ | 1,853    | \$    | -                    | \$   | 2,026                          | \$ | 3,861   | \$ | 1,910     | \$ | 3,766   |
| Average Final Average Salary | \$ | 53,543   | \$    | -                    | \$   | 30,101                         | \$ | 88,155  | \$ | -         | \$ | 79,846  |
| Number of Active Retirees    |    | 1        |       | -                    |      | 1                              |    | 6       |    | 3         |    | 1       |
| 15 - 19.99 years             |    |          |       |                      |      |                                |    |         |    |           |    |         |
| Average Monthly Benefit      | \$ | 2,387    | \$    | -                    | \$   | 2,868                          | \$ | 5,221   | \$ | 1,724     | \$ | -       |
| Average Final Average Salary | \$ | 58,647   | \$    | -                    | \$   | 52,912                         | \$ | 84,657  | \$ | -         | \$ | -       |
| Number of Active Retirees    |    | 1        |       | -                    |      | 2                              |    | 4       |    | 2         |    | -       |
| 20 - 24.99 years             |    |          |       |                      |      |                                |    |         |    |           |    |         |
| Average Monthly Benefit      | \$ | 2,582    | \$    | -                    | \$   | -                              | \$ | 5,731   | \$ | 2,192     | \$ | -       |
| Average Final Average Salary | \$ | 60,343   | \$    | -                    | \$   | -                              | \$ | 84,938  | \$ | -         | \$ | -       |
| Number of Active Retirees    |    | 5        |       | -                    |      | -                              |    | 7       |    | 3         |    | -       |
| 25 - 29.99 years             |    |          |       |                      |      |                                |    |         |    |           |    |         |
| Average Monthly Benefit      | \$ | -        | \$    | -                    | \$   | -                              | \$ | 6,092   | \$ | 4,383     | \$ | -       |
| Average Final Average Salary | \$ | -        | \$    | -                    | \$   | -                              | \$ | 95,398  | \$ | -         | \$ | -       |
| Number of Active Retirees    |    | -        |       | -                    |      | -                              |    | 3       |    | 4         |    | -       |
| 30 - 34.99 years             |    |          |       |                      |      |                                |    |         |    |           |    |         |
| Average Monthly Benefit      | \$ | -        | \$    | -                    | \$   | -                              | \$ | 7,669   | \$ | 4,458     | \$ | -       |
| Average Final Average Salary | \$ | -        | \$    | -                    | \$   | -                              | \$ | 118,522 | \$ | -         | \$ | -       |
| Number of Active Retirees    |    | -        |       | -                    |      | -                              |    | 1       |    | 1         |    | -       |
| 35 - 39.99 years             |    |          |       |                      |      |                                |    |         |    |           |    |         |
| Average Monthly Benefit      | \$ | -        | \$    | -                    | \$   | -                              | \$ | -       | \$ | -         | \$ | -       |
| Average Final Average Salary | \$ | -        | \$    | -                    | \$   | -                              | \$ | -       | \$ | -         | \$ | -       |
| Number of Active Retirees    |    | -        |       | -                    |      | -                              |    | -       |    | -         |    | -       |
| 40 years and over            |    |          |       |                      |      |                                |    |         |    |           |    |         |
| Average Monthly Benefit      | \$ | -        | \$    | -                    | \$   | -                              | \$ | -       | \$ | 4,378     | \$ | -       |
| Average Final Average Salary | \$ | -        | \$    | -                    | \$   | -                              | \$ | -       | \$ | -         | \$ | -       |
| Number of Active Retirees    |    | -        |       | -                    |      | -                              |    | -       |    | 1         |    | -       |



|                              |    |           |    | 2002<br>Municipal F<br>ers' Pensior |    | 2002<br>County & Municipal<br>Other Employees' Pension Plan |    |           |    |               |    |              |  |
|------------------------------|----|-----------|----|-------------------------------------|----|---|----|-----------|----|---------------|----|--------------|--|
| Credited Service             | Re | Retirants |    | Beneficiaries                       |    | Disabilities  |    | Retirants |    | Beneficiaries |    | Disabilities |  |
| Less than 5 years            |    |           |    |                                     |    |   |    |           |    |               |    |              |  |
| Average Monthly Benefit      | \$ | -         | \$ | 553                                 | \$ | 1,349   | \$ | -         | \$ | -             | \$ | -            |  |
| Average Final Average Salary | \$ | -         | \$ | -                                   | \$ | 27,400  | \$ | -         | \$ | -             | \$ | -            |  |
| Number of Active Retirees    |    | -         |    | 2                                   |    | 1   |    | -         |    | -             |    | -            |  |
| 5 - 9.99 years               |    |           |    |                                     |    |   |    |           |    |               |    |              |  |
| Average Monthly Benefit      | \$ | 581       | \$ | 1,839                               | \$ | 1,588   | \$ | 110       | \$ | -             | \$ | 184          |  |
| Average Final Average Salary | \$ | 27,453    | \$ | -                                   | \$ | 37,550  | \$ | 14,296    | \$ | -             | \$ | 24,070       |  |
| Number of Active Retirees    |    | 1         |    | 1                                   |    | 1   |    | 4         |    | -             |    | 1            |  |
| 10 - 14.99 years             |    |           |    |                                     |    |   |    |           |    |               |    |              |  |
| Average Monthly Benefit      | \$ | -         | \$ | -                                   | \$ | 1,868   | \$ | 363       | \$ | -             | \$ | -            |  |
| Average Final Average Salary | \$ | -         | \$ | -                                   | \$ | 61,628  | \$ | 17,761    | \$ | -             | \$ | -            |  |
| Number of Active Retirees    |    | -         |    | -                                   |    | 1   |    | 4         |    | -             |    | _            |  |
| 15 - 19.99 years             |    |           |    |                                     |    |   |    |           |    |               |    |              |  |
| Average Monthly Benefit      | \$ | -         | \$ | -                                   | \$ | 1,827   | \$ | -         | \$ | -             | \$ | -            |  |
| Average Final Average Salary | \$ | -         | \$ | -                                   | \$ | 32,606  | \$ | -         | \$ | -             | \$ | -            |  |
| Number of Active Retirees    |    | -         |    | -                                   |    | 1   |    | -         |    | -             |    | -            |  |
| 20 - 24.99 years             |    |           |    |                                     |    |   |    |           |    |               |    |              |  |
| Average Monthly Benefit      | \$ | 1,510     | \$ | -                                   | \$ | -   | \$ | 491       | \$ | -             | \$ | 851          |  |
| Average Final Average Salary | \$ | 41,566    | \$ | -                                   | \$ | -   | \$ | 17,165    | \$ | -             | \$ | 24,741       |  |
| Number of Active Retirees    |    | 2         |    | -                                   |    | -   |    | 1         |    | -             |    | 1            |  |
| 25 - 29.99 years             |    |           |    |                                     |    |   |    |           |    |               |    |              |  |
| Average Monthly Benefit      | \$ | -         | \$ | 1,663                               | \$ | -   | \$ | -         | \$ | -             | \$ | -            |  |
| Average Final Average Salary | \$ | -         | \$ | -                                   | \$ | -   | \$ | -         | \$ | -             | \$ | -            |  |
| Number of Active Retirees    |    | -         |    | 1                                   |    | -   |    | -         |    | -             |    | -            |  |
| 30 - 34.99 years             |    |           |    |                                     |    |   |    |           |    |               |    |              |  |
| Average Monthly Benefit      | \$ | -         | \$ | -                                   | \$ | -   | \$ | -         | \$ | -             | \$ | -            |  |
| Average Final Average Salary | \$ | -         | \$ | -                                   | \$ | -   | \$ | -         | \$ | -             | \$ | -            |  |
| Number of Active Retirees    |    | -         |    | -                                   |    | -   |    | -         |    | -             |    | -            |  |
| 35 - 39.99 years             |    |           |    |                                     |    |   |    |           |    |               |    |              |  |
| Average Monthly Benefit      | \$ | -         | \$ | -                                   | \$ | -   | \$ | -         | \$ | -             | \$ | -            |  |
| Average Final Average Salary | \$ | -         | \$ | -                                   | \$ | -   | \$ | -         | \$ | -             | \$ | -            |  |
| Number of Active Retirees    |    | -         |    | -                                   |    | -   |    | -         |    | -             |    | -            |  |
| 40 years and over            |    |           |    |                                     |    |   |    |           |    |               |    |              |  |
| Average Monthly Benefit      | \$ | -         | \$ | -                                   | \$ | -   | \$ | -         | \$ | -             | \$ | -            |  |
| Average Final Average Salary | \$ | -         | \$ | -                                   | \$ | -   | \$ | -         | \$ | -             | \$ | -            |  |
| Number of Active Retirees    |    | -         |    | -                                   |    | -   |    | -         |    | -             |    | -            |  |



|                              |     | Vol    | untee | 002<br>r Firemo<br>on Plan | en's | 2002<br>Diamond State Port Corporation<br>Pension Plan |           |        |               |     |              |        |
|------------------------------|-----|--------|-------|----------------------------|------|--|-----------|--------|---------------|-----|--------------|--------|
| Credited Service             | Ret | irants | Benef | eneficiaries Disab         |      | abilities  | Retirants |        | Beneficiaries |     | Disabilities |        |
| Less than 5 years            |     |        |       |                            |      |  |           |        |               |     |              |        |
| Average Monthly Benefit      | \$  | -      | \$    | -                          | \$   | -  | \$        | -      | \$            | -   | \$           | -      |
| Average Final Average Salary | \$  | -      | \$    | -                          | \$   | -  | \$        | -      | \$            | -   | \$           | -      |
| Number of Active Retirees    |     | -      |       | -                          |      | -  |           | -      |               | -   |              | -      |
| 5 - 9.99 years               |     |        |       |                            |      |  |           |        |               |     |              |        |
| Average Monthly Benefit      | \$  | -      | \$    | -                          | \$   | -  | \$        | 804    | \$            | -   | \$           | 999    |
| Average Final Average Salary | \$  | -      | \$    | -                          | \$   | -  | \$        | 44,778 | \$            | -   | \$           | 30,772 |
| Number of Active Retirees    |     | -      |       | -                          |      | -  |           | 4      |               | -   |              | 2      |
| 10 - 14.99 years             |     |        |       |                            |      |  |           |        |               |     |              |        |
| Average Monthly Benefit      | \$  | 58     | \$    | -                          | \$   | -  | \$        | 528    | \$            | -   | \$           | -      |
| Average Final Average Salary | \$  | -      | \$    | -                          | \$   | -  | \$        | 33,914 | \$            | -   | \$           | -      |
| Number of Active Retirees    |     | 628    |       | -                          |      | -  |           | 1      |               | -   |              | -      |
| 15 - 19.99 years             |     |        |       |                            |      |  |           |        |               |     |              |        |
| Average Monthly Benefit      | \$  | 83     | \$    | -                          | \$   | -  | \$        | 700    | \$            | -   | \$           | -      |
| Average Final Average Salary | \$  | -      | \$    | -                          | \$   | -  | \$        | 27,564 | \$            | -   | \$           | -      |
| Number of Active Retirees    |     | 402    |       | -                          |      | -  |           | 2      |               | -   |              | -      |
| 20 - 24.99 years             |     |        |       |                            |      |  |           |        |               |     |              |        |
| Average Monthly Benefit      | \$  | 106    | \$    | -                          | \$   | -  | \$        | 996    | \$            | -   | \$           | 1,186  |
| Average Final Average Salary | \$  | -      | \$    | -                          | \$   | -  | \$        | 30,195 | \$            | -   | \$           | 31,674 |
| Number of Active Retirees    |     | 129    |       | -                          |      | -  |           | 1      |               | -   |              | 2      |
| 25 - 29.99 years             |     |        |       |                            |      |  |           |        |               |     |              |        |
| Average Monthly Benefit      | \$  | 125    | \$    | -                          | \$   | -  | \$        | 1,331  | \$            | -   | \$           | -      |
| Average Final Average Salary | \$  | -      | \$    | -                          | \$   | -  | \$        | 31,250 | \$            | -   | \$           | -      |
| Number of Active Retirees    |     | 11     |       | -                          |      | -  |           | 1      |               | -   |              | -      |
| 30 - 34.99 years             |     |        |       |                            |      |  |           |        |               |     |              |        |
| Average Monthly Benefit      | \$  | -      | \$    | -                          | \$   | -  | \$        | -      | \$            | 883 | \$           | -      |
| Average Final Average Salary | \$  | -      | \$    | -                          | \$   | -  | \$        | -      | \$            | -   | \$           | -      |
| Number of Active Retirees    |     | -      |       | -                          |      | -  |           | -      |               | 1   |              | -      |
| 35 - 39.99 years             |     |        |       |                            |      |  |           |        |               |     |              |        |
| Average Monthly Benefit      | \$  | -      | \$    | -                          | \$   | -  | \$        | -      | \$            | -   | \$           | -      |
| Average Final Average Salary | \$  | -      | \$    | -                          | \$   | -  | \$        | -      | \$            | -   | \$           | -      |
| Number of Active Retirees    |     | -      |       | -                          |      | -  |           | -      |               | -   |              | -      |
| 40 years and over            |     |        |       |                            |      |  |           |        |               |     |              |        |
| Average Monthly Benefit      | \$  | -      | \$    | -                          | \$   | -  | \$        | -      | \$            | -   | \$           | -      |
| Average Final Average Salary | \$  | -      | \$    | -                          | \$   | -  | \$        | -      | \$            | -   | \$           | -      |
| Number of Active Retirees    |     | -      |       | -                          |      | _  |           | -      |               | -   |              | -      |



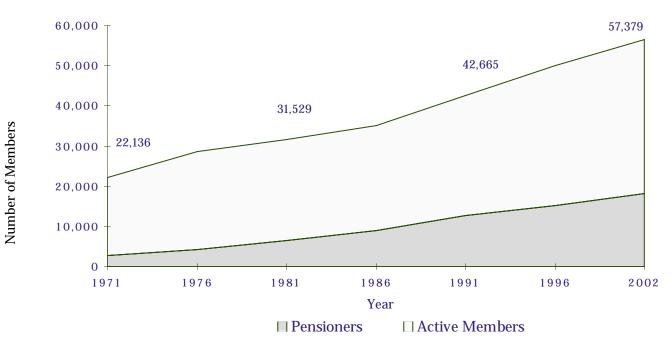
| Credited ServiceFLess than 5 yearsFAverage Monthly Benefit\$Average Final Average Salary\$Number of Active Retirees\$5 - 9.99 years\$ | Retirants<br>-<br>-<br>-<br>-<br>-<br>- | \$<br>\$<br>\$<br>\$ | Beneficiaries<br>-<br>-<br>-<br>1,654 | Di<br>S<br>S | <b>sabilities</b><br>2,378<br>22,172<br>3 |
|---|---|----------------------|---------------------------------------|--------------|---|
| Average Monthly Benefit\$Average Final Average Salary\$Number of Active Retirees  |   | \$<br>\$             |                                       |              | 22,172                                    |
| Average Final Average Salary\$Number of Active Retirees   |   | \$<br>\$             |                                       |              | 22,172                                    |
| Number of Active Retirees   | -                                       | \$                   | -<br>-<br>1 654                       | \$           |   |
|   | -                                       |                      |                                       |              | 3   |
| 5 - 9.99 vears  | -<br>-<br>-                             |                      | 1 654                                 |              | 0   |
|   | -                                       |                      | 1 654                                 |              |   |
| Average Monthly Benefit \$  | -                                       | \$                   | 1,001                                 | \$           | 2,580                                     |
| Average Final Average Salary \$   | -                                       |                      | -                                     | \$           | 25,793                                    |
| Number of Active Retirees   |   |                      | 3                                     |              | 21  |
| 10 - 14.99 years  |   |                      |                                       |              |   |
| Average Monthly Benefit \$  | -                                       | \$                   | 2,042                                 | \$           | 2,773                                     |
| Average Final Average Salary \$   | -                                       | \$                   | -                                     | \$           | 28,825                                    |
| Number of Active Retirees   | -                                       |                      | 5                                     |              | 30  |
| 15 - 19.99 years  |   |                      |                                       |              |   |
| Average Monthly Benefit \$  | -                                       | \$                   | 2,573                                 | \$           | 3,242                                     |
| Average Final Average Salary \$   | -                                       | \$                   | -                                     | \$           | 47,695                                    |
| Number of Active Retirees   | -                                       |                      | 4                                     |              | 21  |
| 20 - 24.99 years  |   |                      |                                       |              |   |
| Average Monthly Benefit \$  | 2,712                                   | \$                   | 2,145                                 | \$           | 3,782                                     |
| Average Final Average Salary \$   | 60,569                                  | \$                   | -                                     | \$           | 49,097                                    |
| Number of Active Retirees   | 344                                     |                      | 71                                    |              | 9   |
| 25 - 29.99 years  |   |                      |                                       |              |   |
| Average Monthly Benefit \$  | 3,142                                   | \$                   | 1,812                                 | \$           | -   |
| Average Final Average Salary \$   | 70,151                                  | \$                   | -                                     | \$           | -   |
| Number of Active Retirees   | 32                                      |                      | 1                                     |              | -   |
| <i>30 - 34.99 years</i>   |   |                      |                                       |              |   |
| Average Monthly Benefit \$  | 3,522                                   | \$                   | -                                     | \$           | -   |
| Average Final Average Salary \$   | 78,294                                  | \$                   | -                                     | \$           | -   |
| Number of Active Retirees   | 4                                       |                      | -                                     |              | _   |
| 35 - 39.99 years  |   |                      |                                       |              |   |
| Average Monthly Benefit \$  | -                                       | \$                   | -                                     | \$           | -   |
| Average Final Average Salary \$   | -                                       | \$                   | -                                     | \$           | -   |
| Number of Active Retirees   | -                                       |                      | -                                     |              | -   |
| 40 years and over   |   |                      |                                       |              |   |
| Average Monthly Benefit \$  | -                                       | \$                   | -                                     | \$           | -   |
| Average Final Average Salary \$   | -                                       | \$                   | -                                     | \$           | -   |
| Number of Active Retirees   | -                                       |                      | -                                     |              | -   |





**Total Benefit Payments** 

**Total Membership** 





#### **Schedule of Participating Employers**

<u>State Employees' Pension Plan</u> State of Delaware State of Delaware Charter Schools Delaware National Guard Solid Waste Authority Delaware State University Delaware Technical & Community College University of Delaware (excluding most faculty and designated professional staff)

### Closed State Police Plan

Delaware State Police (Appointed before July 1, 1980)

#### <u>New State Police Plan</u>

Delaware State Police (Appointed after July 1, 1980)

#### Judiciary Pension Plan

Appointed members of the State Judiciary

#### <u>Diamond State Port Corporation Pension Plan</u> Diamond State Port Corporation Employees

#### County & Municipal Police/Firefighters' Pension Plan

Town of Dagsboro Town of Delmar Town of Dewey Beach City of Dover Town of Felton City of Georgetown City of Harrington Town of Millsboro City of New Castle New Castle County City of Wilmington

#### County & Municipal Other Employees' Pension Plan

Delaware City Fire Company Felton Fire Company City of Georgetown Goodwill Fire Company City of Harrington Harrington Fire Company Lewes Fire Company Town of Millsboro City of New Castle Sussex Conservation District Townsend Fire Company Volunteer Hose Company of Middletown

<u>Delaware Local Government Investment Pool</u> Town of Elsmere Sussex County Government



#### Schedule of Participating Employers (continued)

Volunteer Firemen's Pension Plan Aetna Hose, Hook & Ladder Co. & Auxiliary Brandywine Hundred Fire Co. & Auxiliary Christiana Fire Co. & Auxiliary **Claymont Fire Co. & Auxiliary** Cranston Heights Fire Co. & Auxiliary Delaware City Fire Co. & Auxiliary Elsmere Fire Co. & Auxiliary Five Points Fire Co. No. 1 & Auxiliary Goodwill Fire Co. & Auxiliary Hockessin Fire Co. & Auxiliary Holloway Terrace Fire Co. & Auxiliary Mill Creek Fire Co. & Auxiliary Minguadale Fire Co. & Auxiliary Minquas Fire Co. & Auxiliary Odessa Fire Co. & Auxiliary Talleyville Fire Co. & Auxiliary Townsend Fire Co. & Auxiliary Volunteer Hose Co. & Auxiliary Wilmington Manor Fire Co. & Auxiliary Port Penn Volunteer Fire Co. & Auxiliary Belvedere Fire Co. & Auxiliary Bowers Fire Co. & Auxiliary Camden-Wyoming Fire Co. & Auxiliary Carlisle Fire Co. & Auxiliary Cheswold Fire Co. & Auxiliary Citizens Hose Co. No. 1 & Auxiliary Clayton Fire Co. & Auxiliary Robbins Hose Fire Co. Farmington Fire Co. & Auxiliary Felton Community Fire Co. & Auxiliary Frederica Fire Co. & Auxiliary Harrington Fire Co. & Auxiliary Hartly Fire Co. & Auxiliary Houston Fire Co. & Auxiliary Leipsic Fire Co. & Auxiliary Little Creek Fire Co. & Auxiliary

Magnolia Fire Co. & Auxiliary Marydel Fire Co. & Auxiliary South Bowers Fire Co. & Auxiliary Smyrna American Legion Ambulance Bethany Beach Fire Co. & Auxiliary Blades Fire Co. & Auxiliary Bridgeville Fire Co. & Auxiliary Dagsboro Fire Co. & Auxiliary Delmar Fire Co. & Auxiliary Ellendale Fire Co. & Auxiliary Frankford Fire Co. & Auxiliary Georgetown Fire Co. & Auxiliary Greenwood Fire Co. & Auxiliary Gumboro Fire Co. & Auxiliary Indian River Fire Co. & Auxiliary Laurel Fire Co. & Auxiliary Lewes Fire Co. Millsboro Fire Co. & Auxiliary Millville Fire Co. & Auxiliary Milton Fire Co. & Auxiliary Rehoboth Beach Fire Co. & Auxiliary Seaford Fire Co. & Auxiliary Selbyville Fire Co. & Auxiliary Memorial Fire Co. & Auxiliary Roxana Fire Co. & Auxiliary



#### State Personnel Office Mission Statement:

Provide the leadership and services for achieving a quality workforce.

#### Pension Office Programmatic Goal:

Maintain comprehensive and responsive systems for benefits and funds management, which helps retain a quality workforce and provides a secure and supportive retirement commitment.